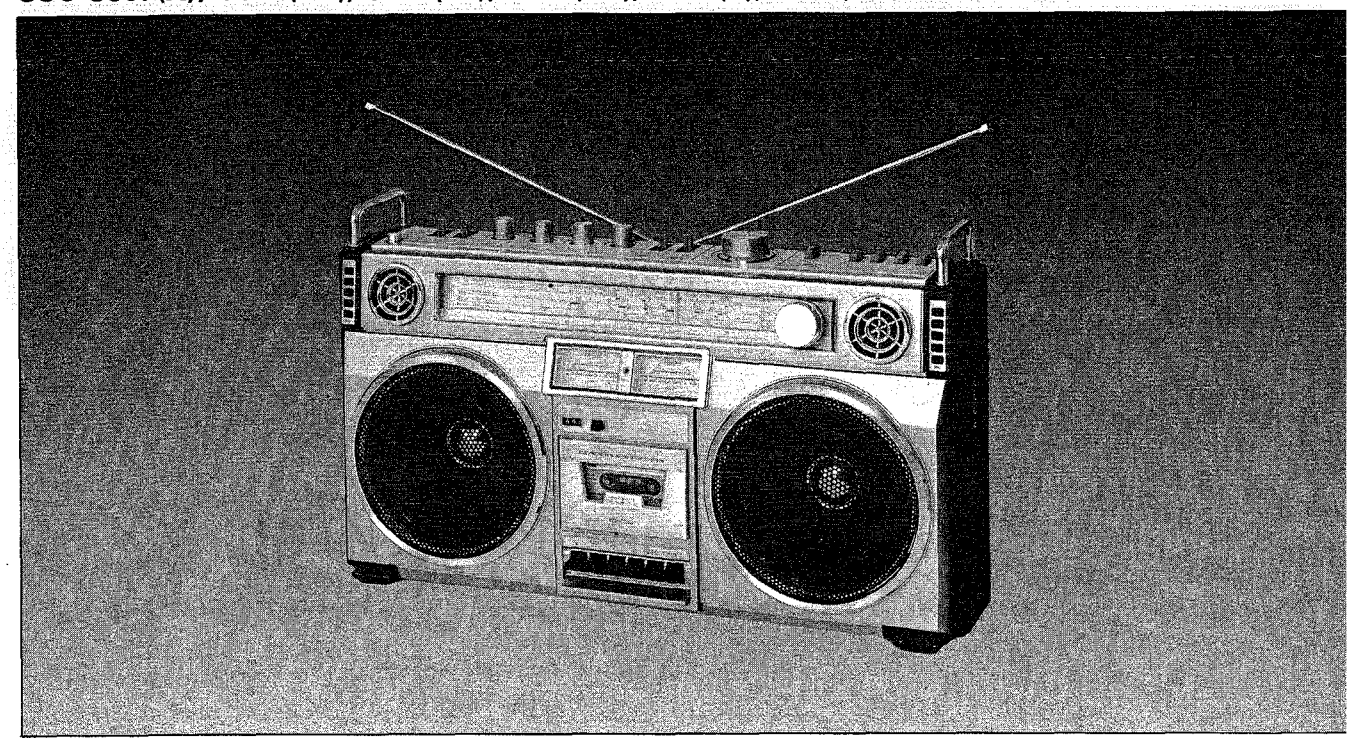
SERVICE MANUAL

CSC-850 SERIES

CSC 850F(X), 850F(XA), 850F(LB), 850F(SA), 850L(E), 850L(UK), 850L(GE)



Portable Type Stereo Cassette Tape Recorder with 4-Band Radio.

SPECIFICATIONS

■ RADIO SECTION	850F (X), (XA), (LB), (SA)		850L (E), (UK), (GE)	
Frequency Range	FM:	88～108 MHz	FM:	88～108 MHz
	SW2:	7.5～21.5 MHz	SW:	6～18 MHz
	SW1:	2.5～7.5 MHz	MW:	510～1605 kHz
	MW:	510～1605 MHz	LW:	150～300 kHz
Usable Sensitivity	FM:	5 μV	FM:	5 μV
	SW2:	50 μV	SW:	50 μV
	SW1:	450 μV/m	MW:	500 μV/m
	MW:	500 μV/m	LW:	1200 μV/m
IF	AM:	455 kHz	AM:	455 kHz L(E) 460 kHz L(GE) 470 kHz L(UK)
	FM:	10.7 MHz	FM:	10.7 MHz
MPX Separation	FM:	25 dB		
Frequency Response	FM:	100 Hz～10 kHz ±6 dB		
	MW:	100 Hz～2.5 kHz ±6 dB		

■ TAPE RECORDER SECTION

Recording System	AC Bias, 4-track 2-channel, Stereo
Erase System	AC Erase
Tape Speed	4.75 cm/sec. +3/−2%
Wow and Flutter	0.3% (R.M.S.)
Output Power	3.7W × 2 (10% T.H.D.)

■ OTHER SECTION

Power Source	AC:	110/200/240V, F(X), (XA), (LB) 220V L(E), L(GE) 235V F(SA) 240V L(UK)
	DC:	13.5V (UM-1) × 9
Dimension	599(W) × 353(H) × 145(D) mm	
Weight	6.5 kg	

CROWN RADIO CORP. JAPAN

TOKYO • OSAKA • SAN FRANCISCO • PANAMA • DÜSSELDORF • LONDON

DISASSEMBLY

1. Removal of Front Cabinet

1) Remove the 8 screws (1 through 8) shown in Fig. A.
2) Pull and remove the tuning knob.
3) Depress the eject button.

Note: When removing the front cabinet, be careful not to damage the speaker lead.

2. Removal of Mechanism

Remove the 3 screws (1 through 3) shown in Fig. B.

3. Removal of Amp, Tuner Board and Chassis

1) Remove the mechanism.
2) Pull and remove the knobs (Volume knob, Mic Mix knob, Bass knob, Treble knob, Balance knob).
3) Remove the 8 screws (4 through 11) shown in Fig. B.

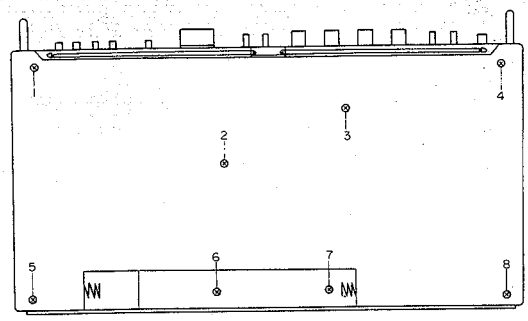


Fig. A

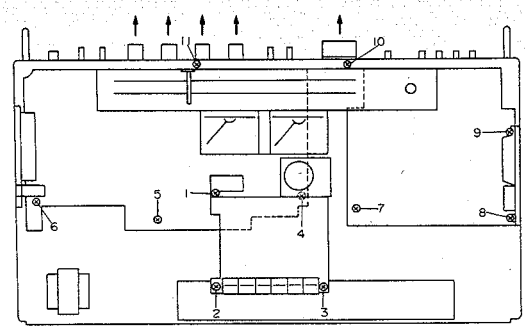


Fig. B

4. Dial Cord Stringing View

1) Insert both ends of the dial cord into the grommet. Tie the ends together so that a loop is formed. Secure the dial cord by crashing the grommet. Thread the dial cord through the coil spring.
2) Arrange the dial cord in the numerical order while holding one end of the cord, then engage the coil spring as shown.

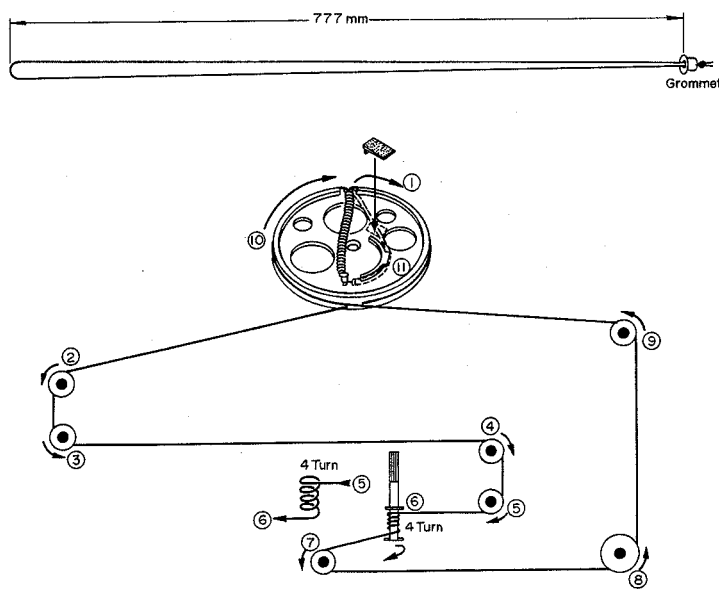


Fig. C

ELECTRICAL ADJUSTMENT

1. AM Alignment 850F(X), 850F(XA), 850F(LB), 850F(SA)

Adjustment	Equipment Connection	Step No.	Generator Frequency	Tuning	Location to be Adjusted
IF	● AM Signal generator ● Sweep/marker generator ● Oscilloscope ● V.T.V.M ● Loop antenna ● Load resistance ● Dummy antenna Connect measuring instruments as shown in Fig. 1 and 2.	1	445 kHz (Mod.)		AM, IFT-3, 4, 5 Adjustment for maximum. Fig. 1
		2	Repeat Steps to obtain Maximum Output.		
MW Band		3	505 kHz (Mod.)	505 kHz	Set generator frequency to 505 kHz with L13 (MW oscillator coil). Fig. 2
		4	1650 kHz (Mod.)	1650 kHz	Set generator frequency to 1650 kHz with TC-6 (Trimmer condenser).
		5	Repeat Steps 3 and 4 two or three times to adjust f. cover.		
MW Tracking		6	610 kHz (Mod.)	610 kHz	Adjust L16 (Bar antenna) to obtain maximum sensitivity. Fig. 2.
		7	1400 kHz (Mod.)	1400 kHz	Adjust TC-5 (Trimmer condenser) so to obtain maximum sensitivity.
		8	Repeat Steps 6 and 7 two or three times to obtain maximum sensitivity.		
SW1 Band		9	2.4 MHz (Mod.)	2.4 MHz	Set generator frequency to 2.4 MHz with L12 (SW1 oscillator coil).
		10	7.6 MHz (Mod.)	7.6 MHz	Set generator frequency to 7.6 MHz with TC-7 (Trimmer condenser).
		11	Repeat Steps 9 and 10 two or three times to adjust f. cover.		
SW1 Tracking		12	3.2 MHz (Mod.)	3.2 MHz	Adjust L15 (Bar Antenna) to obtain maximum sensitivity.
		13	6.8 MHz (Mod.)	6.8 MHz	Adjust TC-4 (Trimmer condenser) so as to obtain maximum sensitivity.
		14	Repeat Steps 12 and 13 two or three times to obtain maximum sensitivity.		
SW2 Band		15	7.3 MHz (Mod.)	7.3 MHz	Set generator frequency to 7.3 MHz with L11 (SW2 oscillator coil).
		16	22 MHz (Mod.)	22 MHz	Set generator frequency to 22 MHz with TC-8 (Trimmer condenser).
		17	Repeat Steps 15 and 16 two or three times to adjust f. cover.		
SW2 Tracking		18	9 MHz (Mod.)	9 MHz	Adjust L14 (Antenna Coil) to obtain maximum sensitivity.
		19	20 MHz (Mod.)	20 MHz	Adjust TC-3 (Trimmer condenser) so to obtain maximum sensitivity.
		20	Repeat Steps 18 and 19 two or three times to obtain maximum sensitivity.		

○ Set the internal modulation signal generator to 30%, 400 Hz.
○ Use only nonmetallic alignment tools to insure proper alignment.

2. AM Alignment (CSC-850L(E),CSC-850L(UK), 850L(GE)

Adjustment	Equipment Connection	Step No.	Generator Frequency	Tuning	Location to be Adjusted
IF	● AM Signal generator ● Sweep/marker generator ● Oscilloscope ● V.T.V.M. ● Loop antenna ● Load resistance ● Dummy antenna Connect measuring instruments as shown in Fig. 1 and Fig. 2.	1	455 kHz CSC-850L(E) 460 kHz CSC-850L(GE) 470 kHz CSC-850L(UK)		AM, IFT-3,4,5 Adjustment maximum Fig. 1
MW Band		2	Repeat Steps to obtain Maximum Output.		
		3	505 kHz (Mod.)	505 kHz	Set generator frequency to 505 kHz with L12 (MW oscillator coil Fig. 2
		4	1650 kHz (Mod.)	1650 kHz	Set generator frequency to 1650 kHz with TC-7 (Trimmer condenser)
		5	Repeat Steps 3 and 4 two or three times to adjust f. cover.		
MW Tracking		6	610 kHz (Mod.)	610 kHz	Adjust L15 (Bar antenna) to obtain maximum sensitivity.
		7	1400 kHz (Mod.)	1400 kHz	Adjust TC-4 (Trimmer condenser) so to obtain maximum sensitivity.
		8	Repeat Steps 6 and 7 two or three times to obtain maximum sensitivity.		
SW Band		9	5.80 MHz (Mod.	5.80 MHz	Set generator frequency to 5.80 MHz with L11 (SW oscillator coil)
		10	18.5 MHz (Mod.)	18.5 MHz	Set generator frequency to 18.5 MHz with TC-8 (Trimmer condenser)
		11	Repeat Steps 9 and 10 two or three times to adjust f. cover.		
SW Tracking		12	7 MHz (Mod.)	7 MHz	Adjust L14 (Antenna coil) to obtain maximum sensitivity.
		13	16 MHz (Mod.)	16 MHz	Adjust TC-3 (Trimmer condenser) so as to obtain maximum sensitivity.
		14	Repeat Steps 12 and 13 two or three times to obtain maximum sensitivity.		
LW Band		15	145 kHz (Mod.)	145 kHz	Set generator frequency to 145 kHz with L13 (Oscillator coil).
		16	310 kHz (Mod.)	310 kHz	Set generator frequency to 310 kHz with TC-6 (Trimmer condenser)
		17	Repeat Steps 15 and 16 two or three times to adjust f. cover.		
LW Tracking		18	180 kHz (Mod.)	180 kHz	Adjust L-16 (Bar antenna) to obtain maximum sensitivity.
		19	280 kHz (Mod.)	280 kHz	Adjust TC-5 (Trimmer condenser) so to obtain maximum sensitivity.
		20	Repeat Steps 18 and 19 two or three times to obtain maximum sensitivity		

○ Set the internal modulation signal generator to 30%, 400 Hz of each.
○ Use only nonmetallic alignment tools to insure proper alignment.

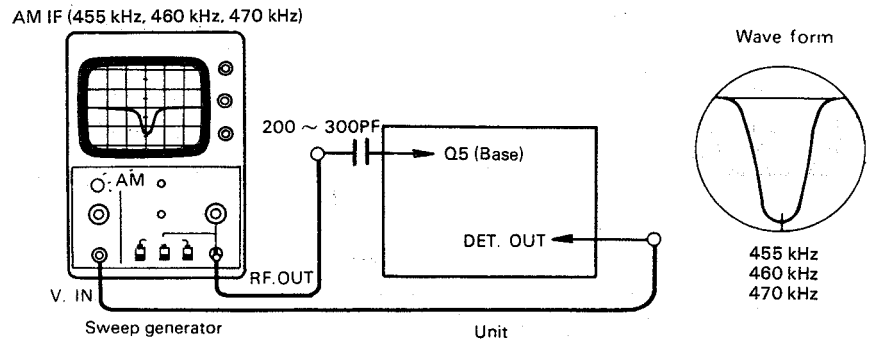


Fig. 1

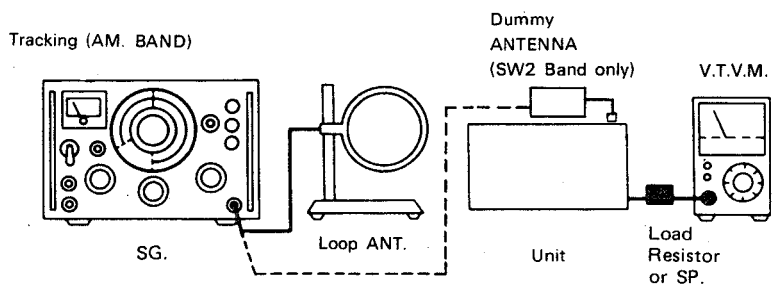


Fig. 2

3. FM Alignment

Adjustment	Equipment Connection	Step No.	Generator Frequency	Tuning	Location to be Adjusted
IF	● FM Signal generator ● FM Sweep/marker generator ● Oscillöscope ● V.T.V.M. ● Dummy antenna ● Load resistance ● Connect measuring instruments as shown in Fig. 3 and 4.	1	10.7 MHz (Mod.)		FM, IFT-1, 2 adjust for maximum gain IFT-1,2 adjust for symmetric "S" curve (Marker should appear in the middle of "S" curve). Fig. 3
		2	Repeat Steps to obtain Maximum Output.		
FM Band		3	87 MHz (Mod.)	87 MHz	Set generator frequency to 87 MHz with L6 (FM oscillator coil). Fig. 4
		4	108.5 MHz (Mod.)	108.5 MHz	Set generator frequency to 108.5 MHz with TC-1 (Trimmer condenser).
		5	Repeat Steps 3 and 4 two or three times to adjust f. cover.		
FM Tracking		6	90 MHz (Mod.)	90 MHz	Adjust L4 (FM, Tuning coil) to obtain maximum sensitivity. Fig. 4
		7	106 MHz (Mod.)	106 MHz	Adjust TC-2 (Trimmer condenser) to obtain maximum sensitivity.
		8	Repeat Steps 6 and 7 two or three times to obtain maximum sensitivity.		

○ Set the internal modulation signal generator to 30%, 400 Hz.
○ Use only nonmetallic alignment tools to insure proper alignment.

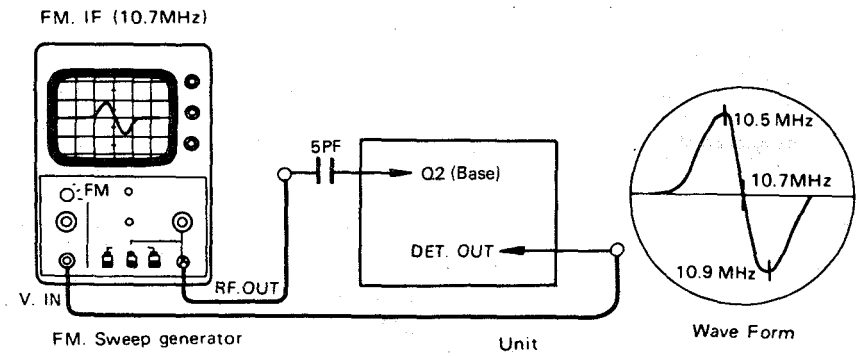


Fig. 3

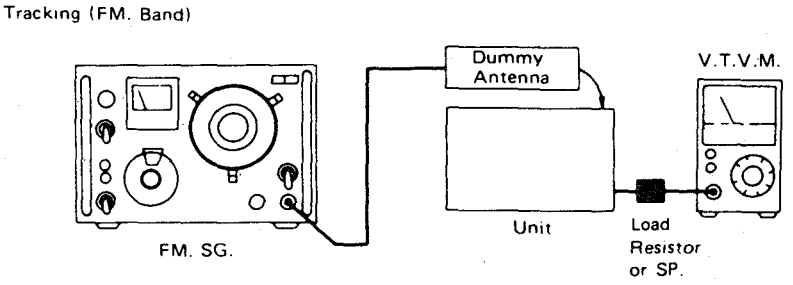


Fig. 4

4. FM MPX Adjustment

Connect test instrument as shown in Fig. 5.

1) 19 kHz Adjustment

Connect frequency counter T.P (IC2 No. 12 pin) and earth, adjust the semi-fixed resistor VR1 for reading of 19 kHz on the counter.

Note: When adjusting 19 kHz in the multiplex circuit, connect a capacitor (0.022 μF) to IC2 No. 2 pin to shut off the signal and noise.

2) Separation Adjustment

a) Set the FM signal generator to 98 MHz and an output of 1 mV (60 dB).

b) Set the stereo signal generator to 90% main signal and 10% pilot signal. Modulation frequency: 400 Hz.

c) Switch the stereo signal to left (or right) and adjust the semi-fixed resistor VR2 to minimize the right (or left) output.

Note: Adjust VR2 until more than 25 dB separation is obtained between the left and right channels.

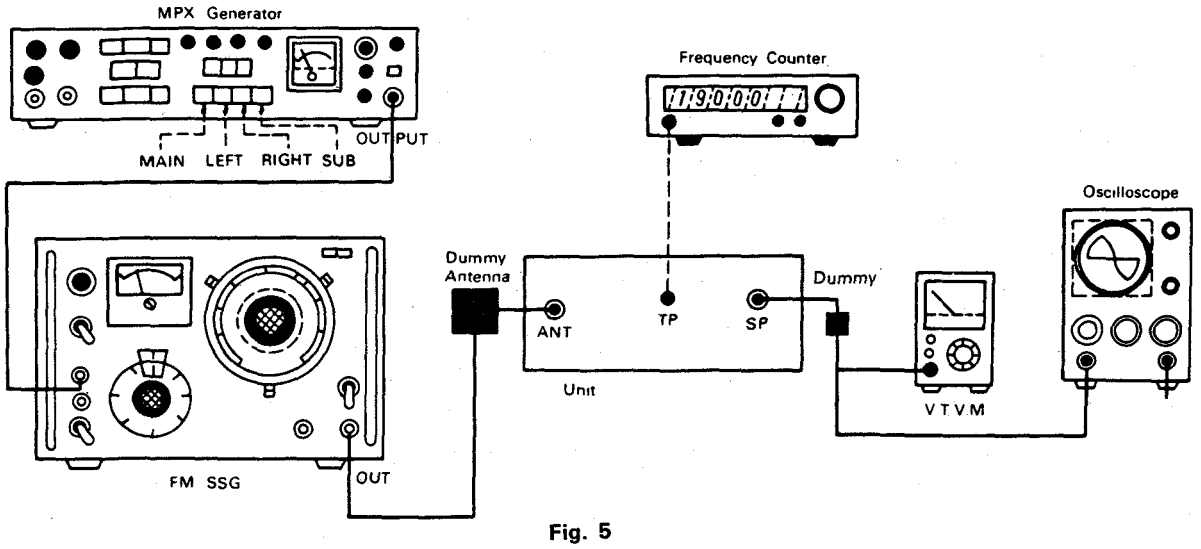


Fig. 5

MECHANICAL ADJUSTMENT

1. Head Azimuth Adjustment

With V.T.V.M. connected to L and R channels SP OUT, play a standard tape (10 kHz, −10 dB). Turn the head azimuth adjusting screw for a maximum and same reading on L and R channels V.T.V.M. After the adjustment, secure the screw with a locking paint.

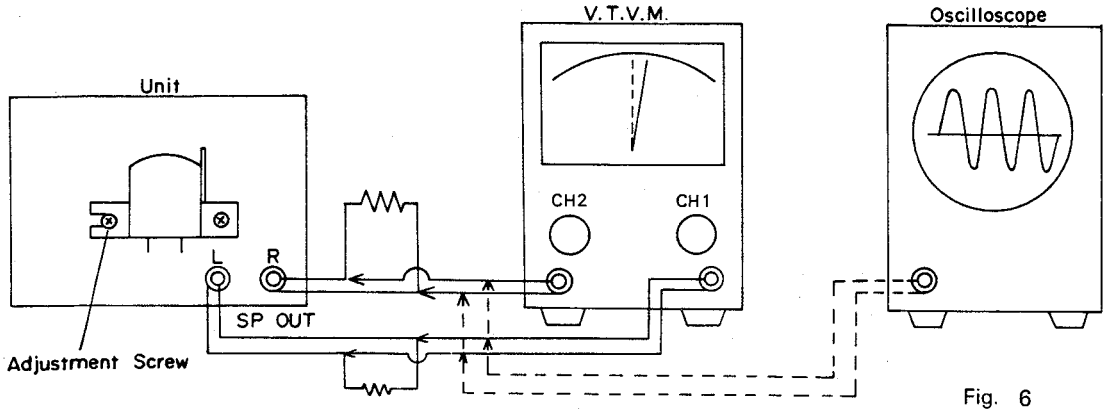


Fig. 6

2. Gap Adjustment

The gap between the center shaft of the flywheel and the flywheel retaining plate should be adjusted within the range of 0.01 to 0.1 mm.

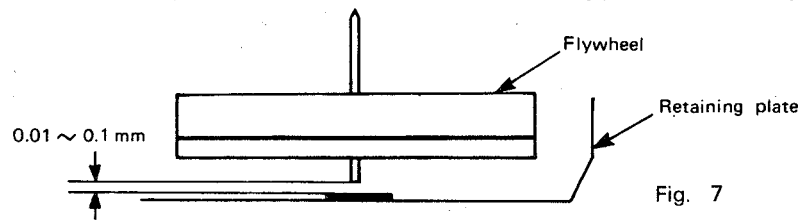


Fig. 7

3. Pinch Roller Pressure

400 ~ 600g

Read the value indicated on a tension gauge at the point where revolution of the pinch roller comes to half with the gauge pressed onto it.

4. Take-up Torque

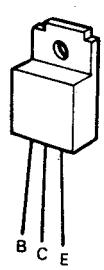
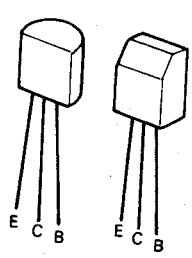
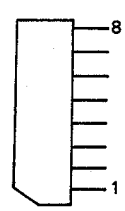
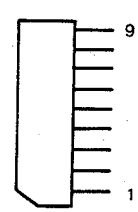
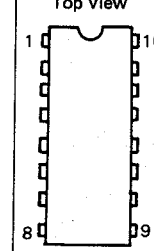
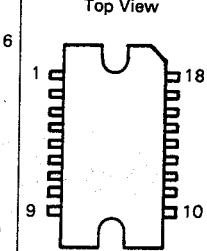
40 ~ 70 g-cm

Measure on the take-up reel platform operating in play. If less than 40 g-cm, check to see if it is caused by slippage between the reel platform and the play idler.

(1) If found to be slipping, wipe and clean the rubber portion of the take-up reel platform and the pulley of the drive roller assembly, using alcohol.

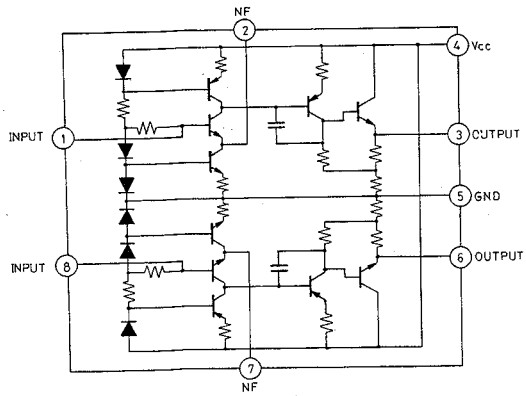
(2) If the reel platform itself is the cause of the slippage replace the reel platform.

TRANSISTORS AND IC

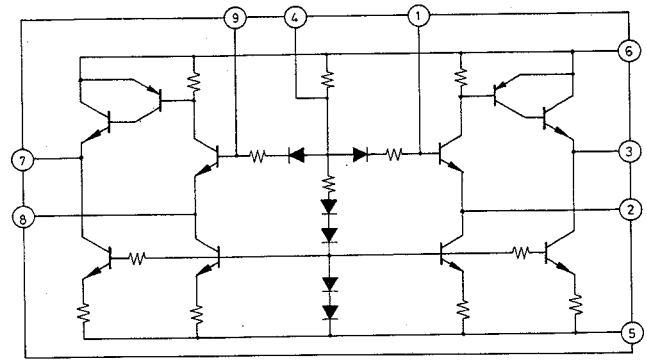
						
2SD712	2SC710 2SC711 2SC1312 2SD355	2SC535 2SC460 2SC1342	LA3160	TA7312P	BA1320 HA11211	AN7145

IC BLOCK DIAGRAM

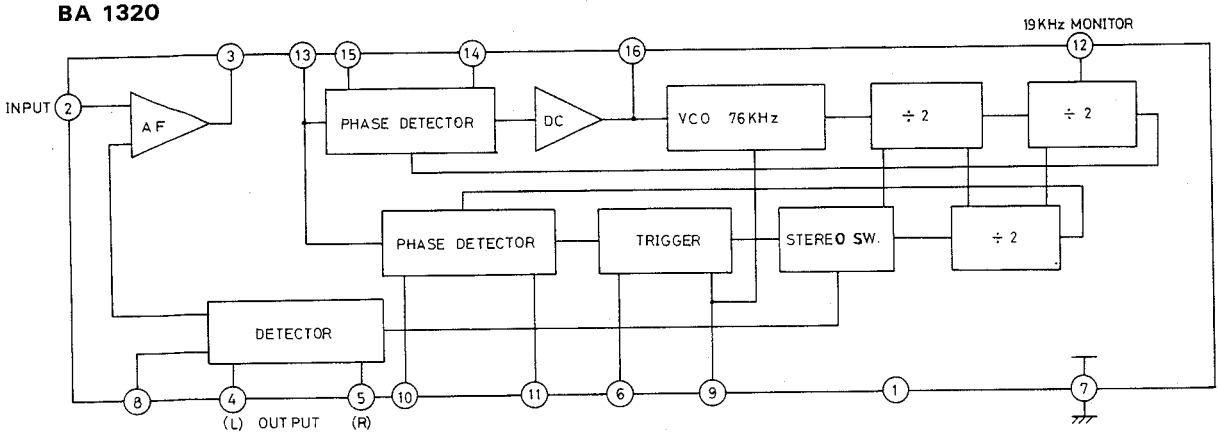
LA 3160



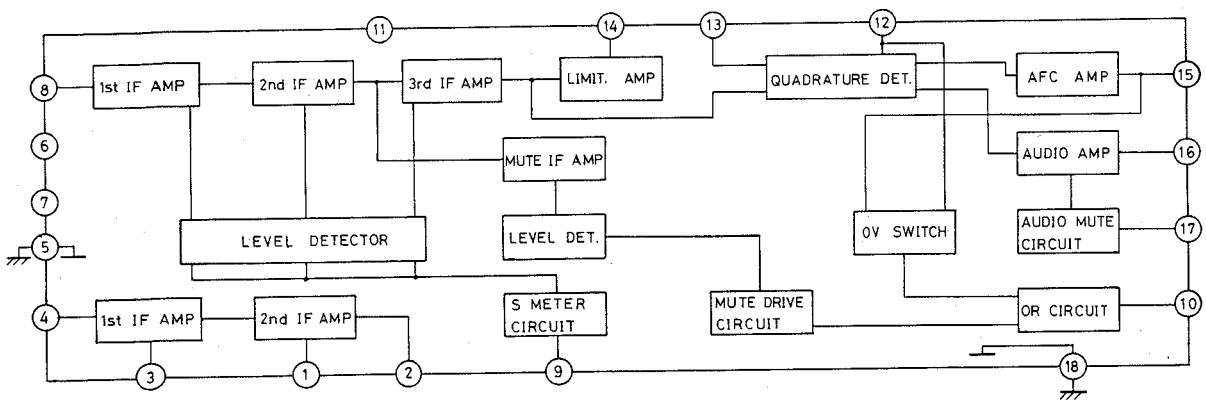
TA 7312P



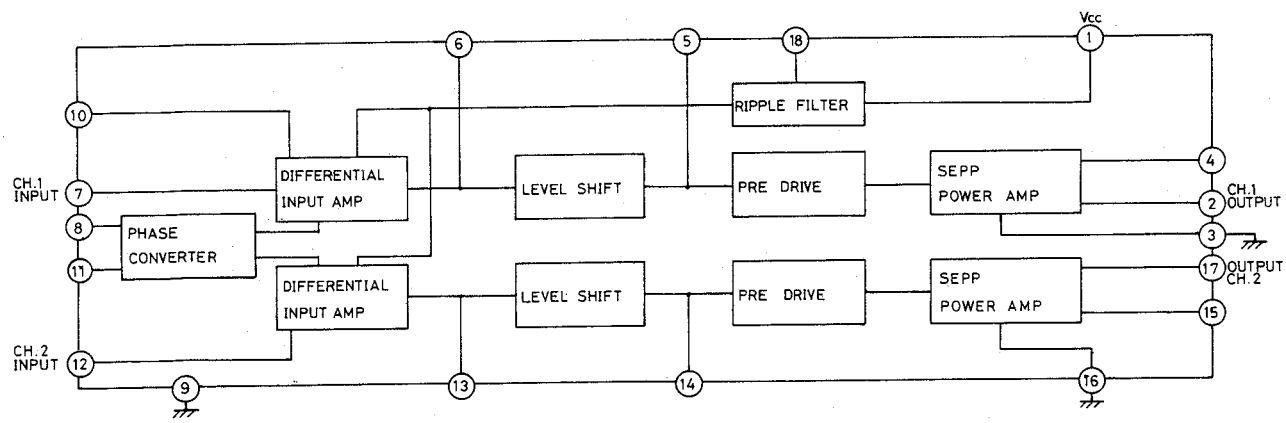
BA 1320



HA 11211

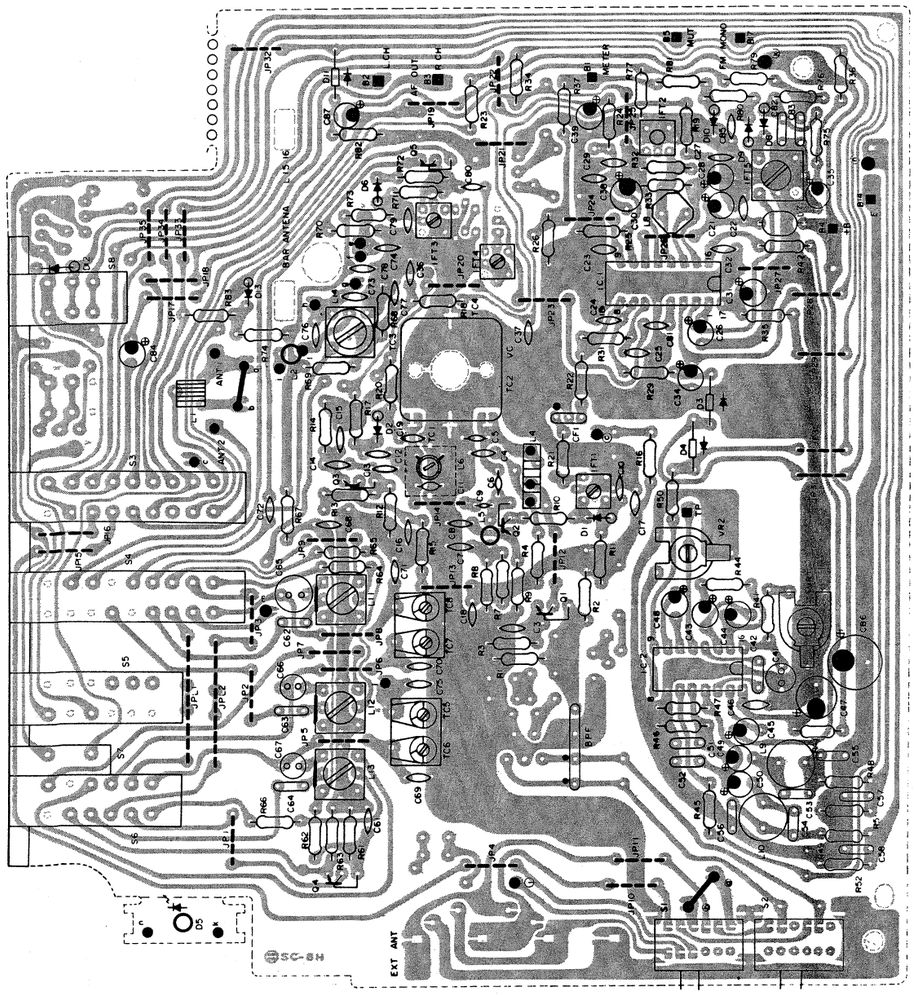


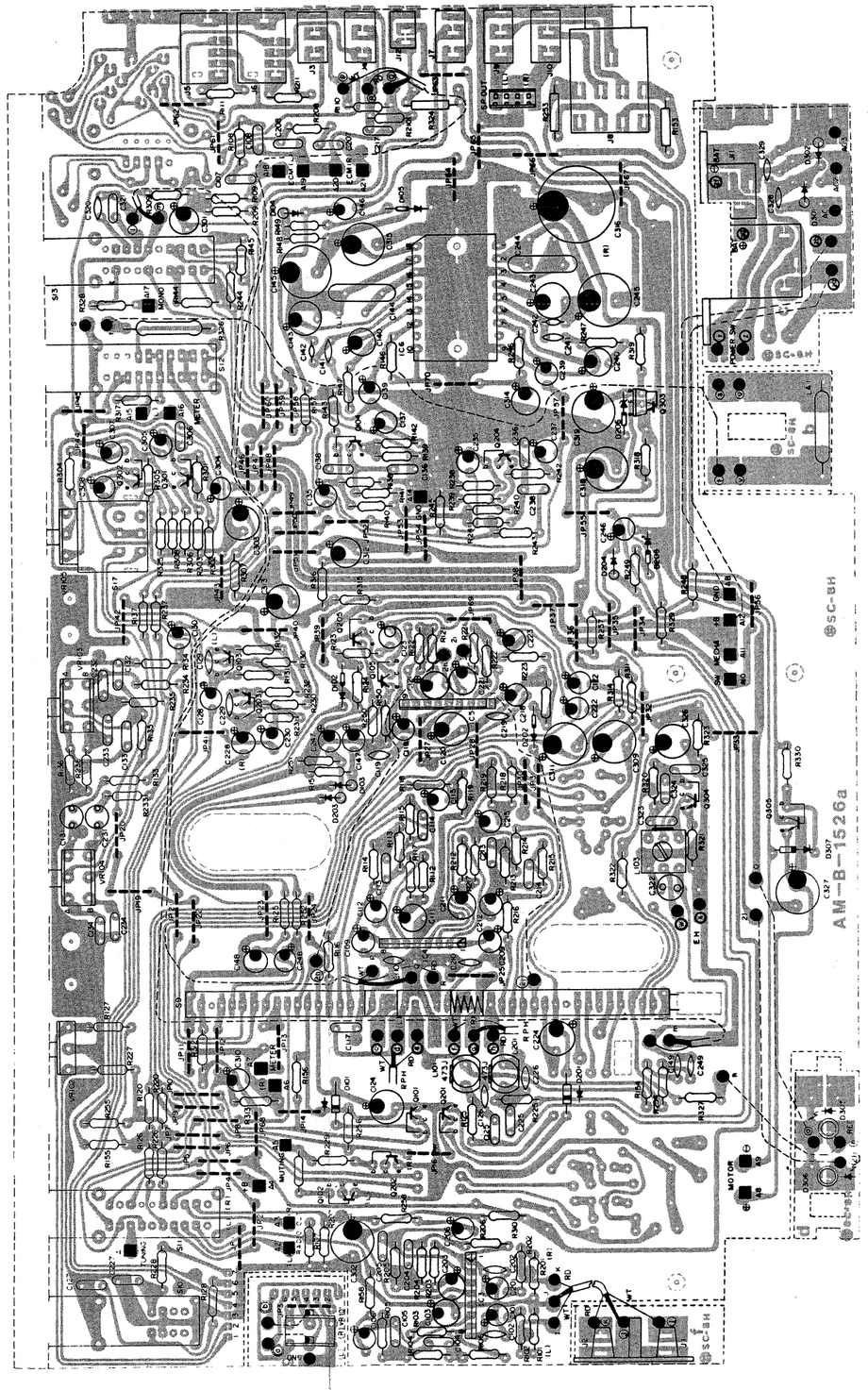
AN 7145



WIRING BOARD LAYOUT (1)

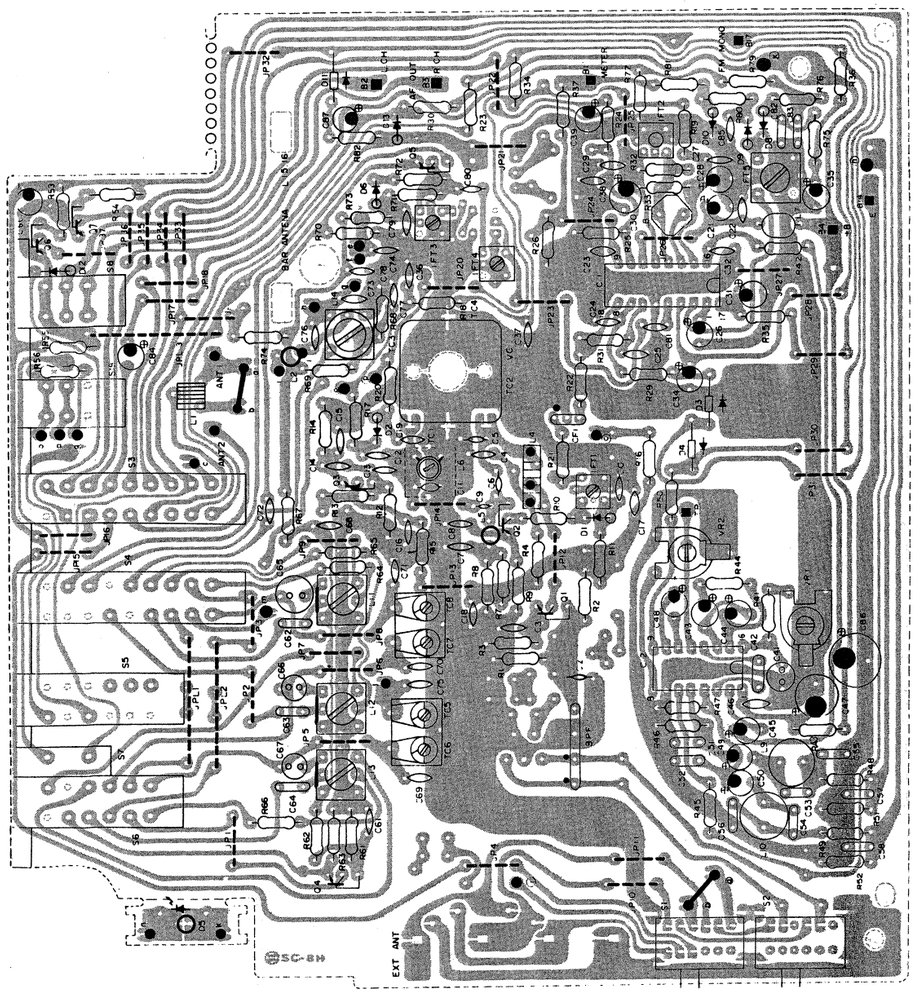
850F(X), 850F(XA), 850F(LB), 850F(SA)

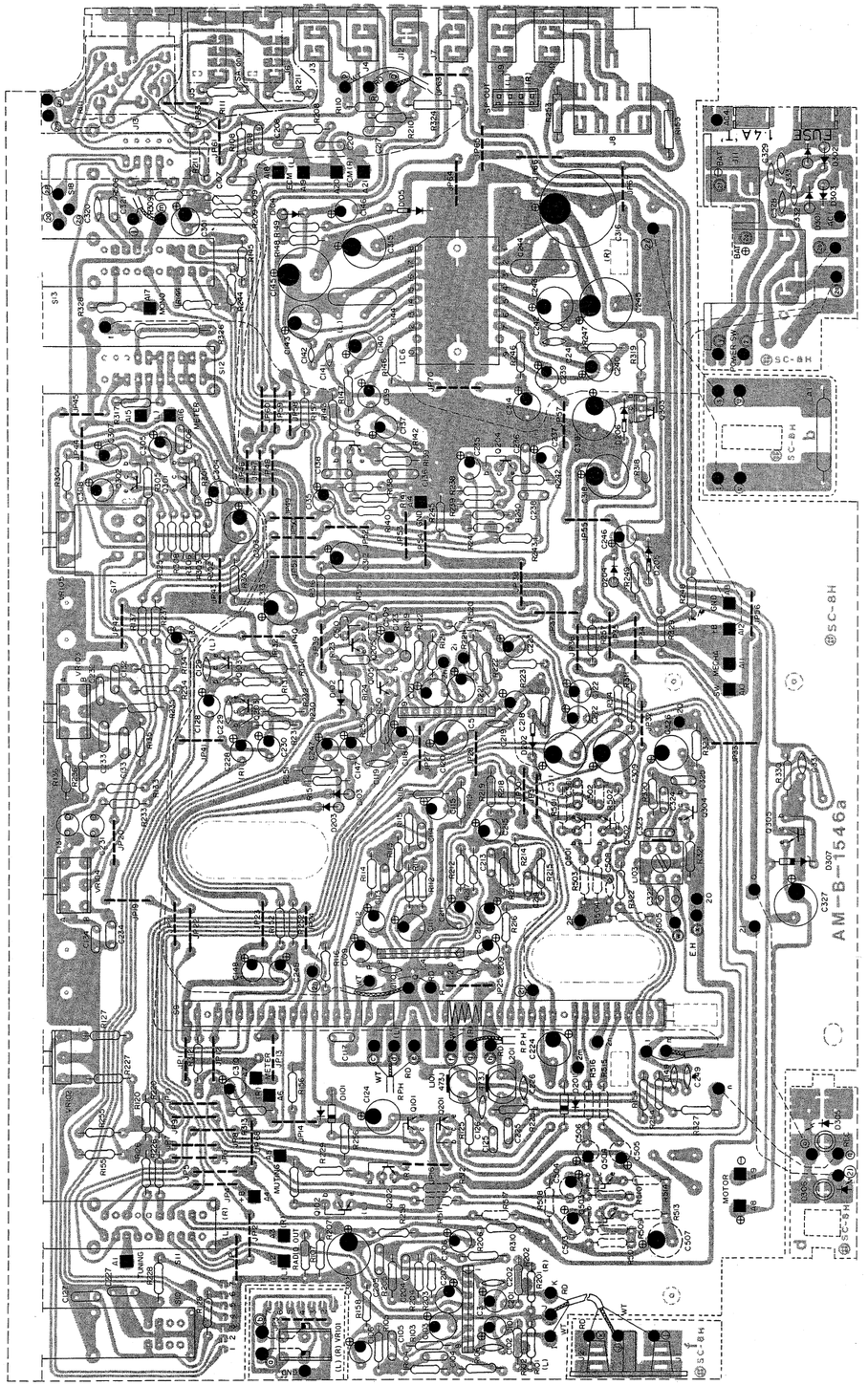




WIRING BOARD LAYOUT (2)

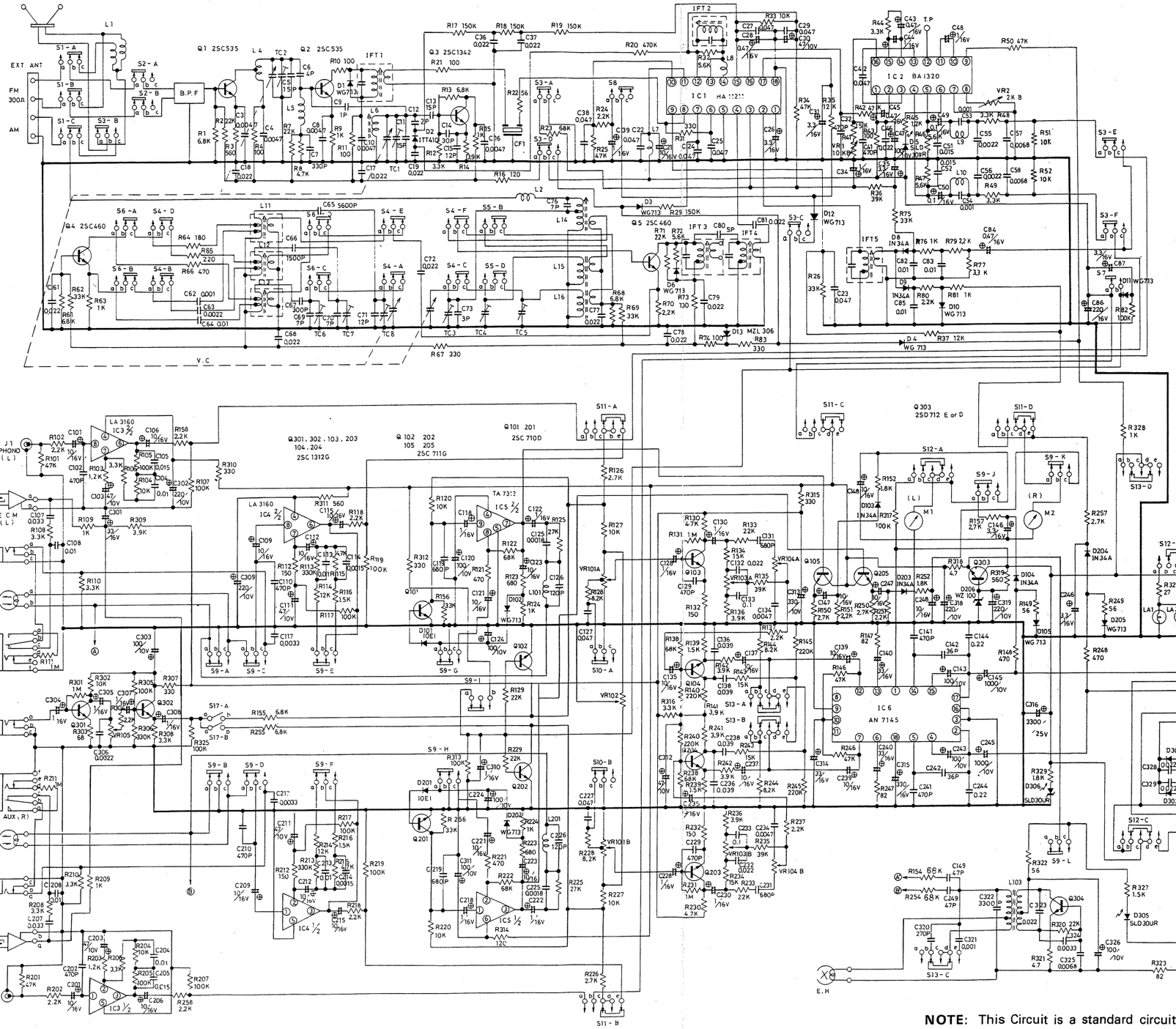
850L(E), 850L(UK), 850L(GE)





SCHEMATIC DIAGRAM (1)

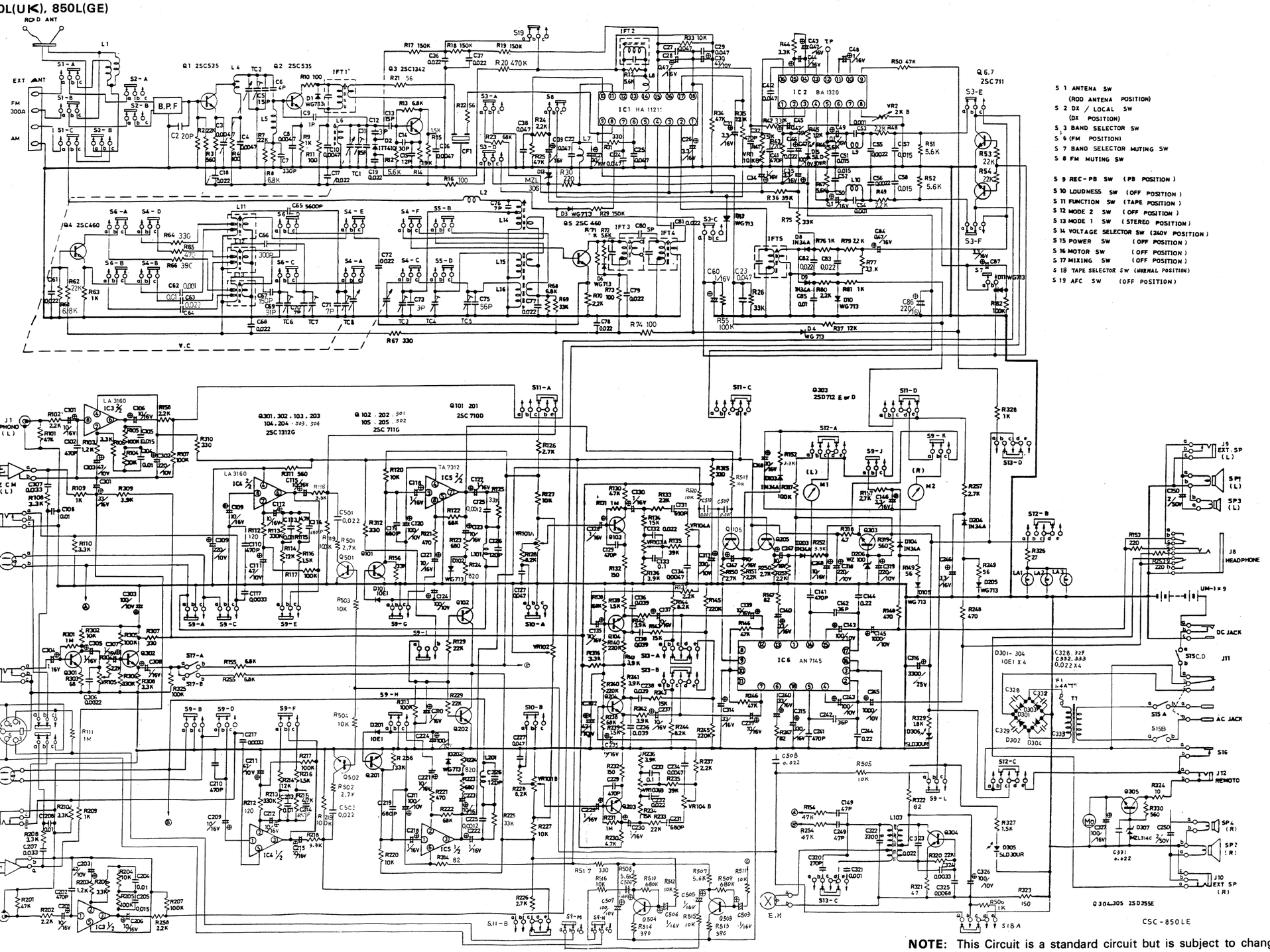
850F(X), 850F(XA), 850F(LB), 850F(SA)



NOTE: This Circuit is a standard circuit but is subject to change without notice.

SCHEMATIC DIAGRAM (2)

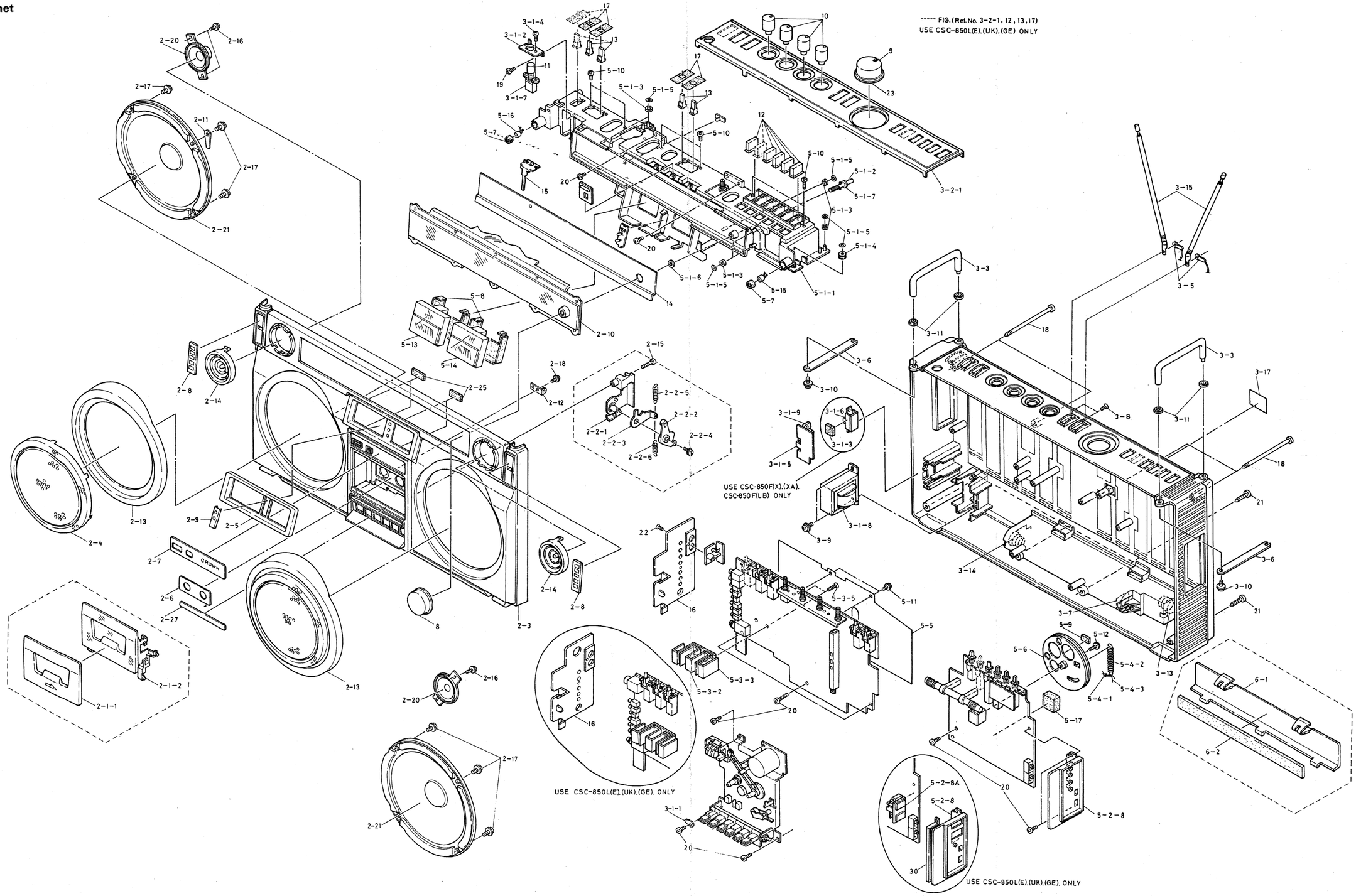
850L(E), 850L(UK), 850L(GE)



NOTE: This Circuit is a standard circuit but is subject to change without notice.

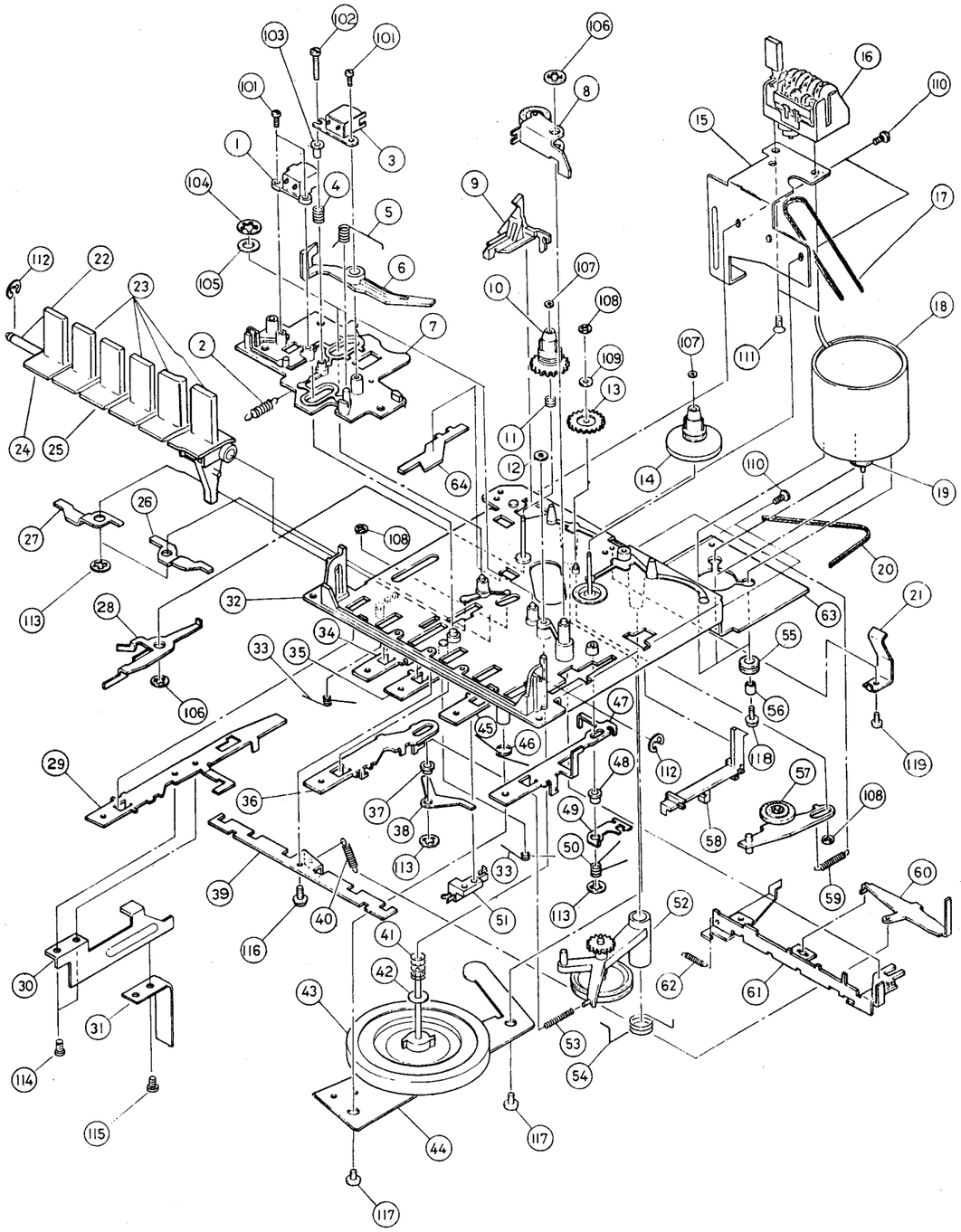
EXPLODED VIEW

Cabinet



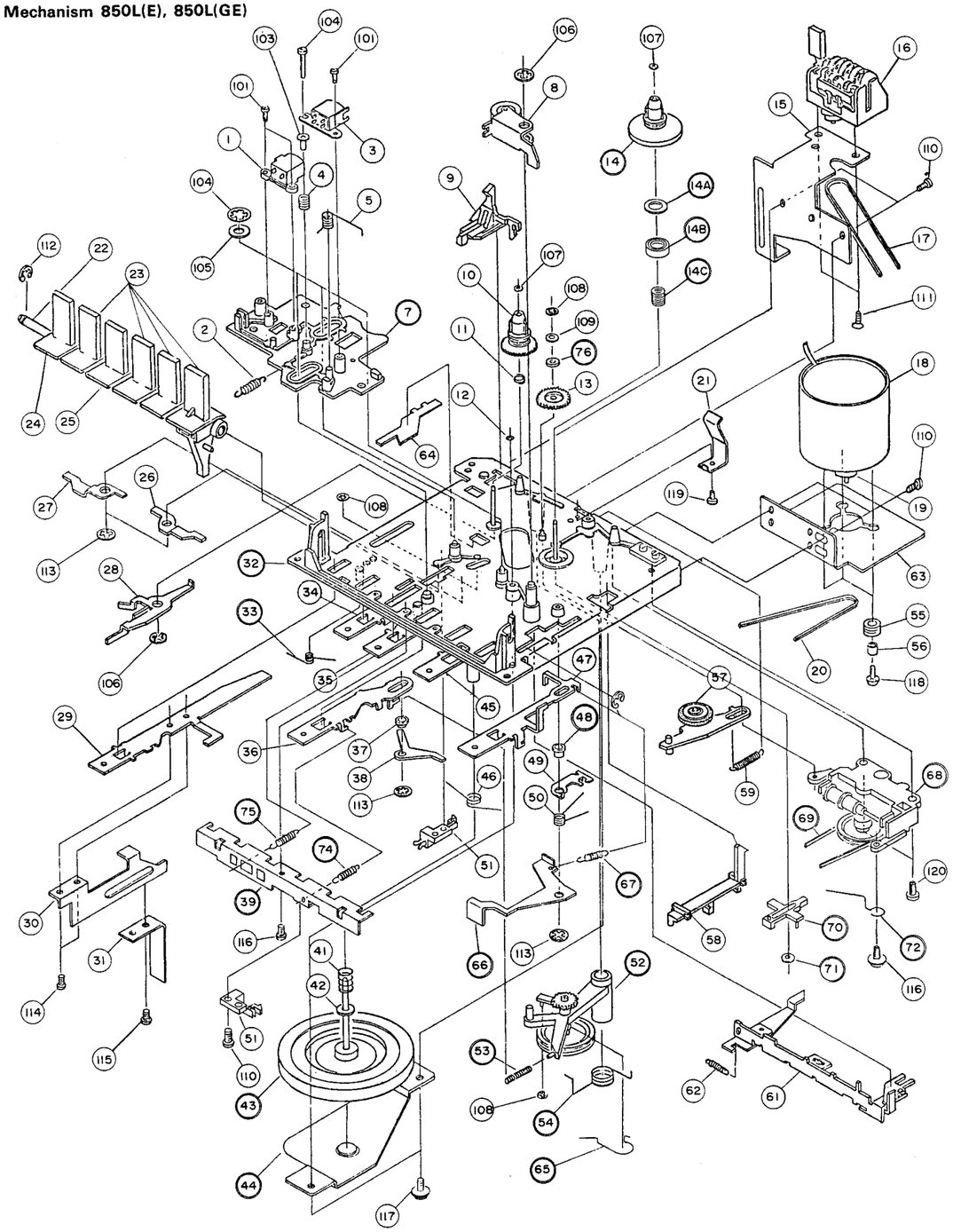
EXPLODED VIEW (1)

Mechanism 850F(X), 850F(XA), 850F(LB), 850F(SA)



EXPLODED VIEW (2)

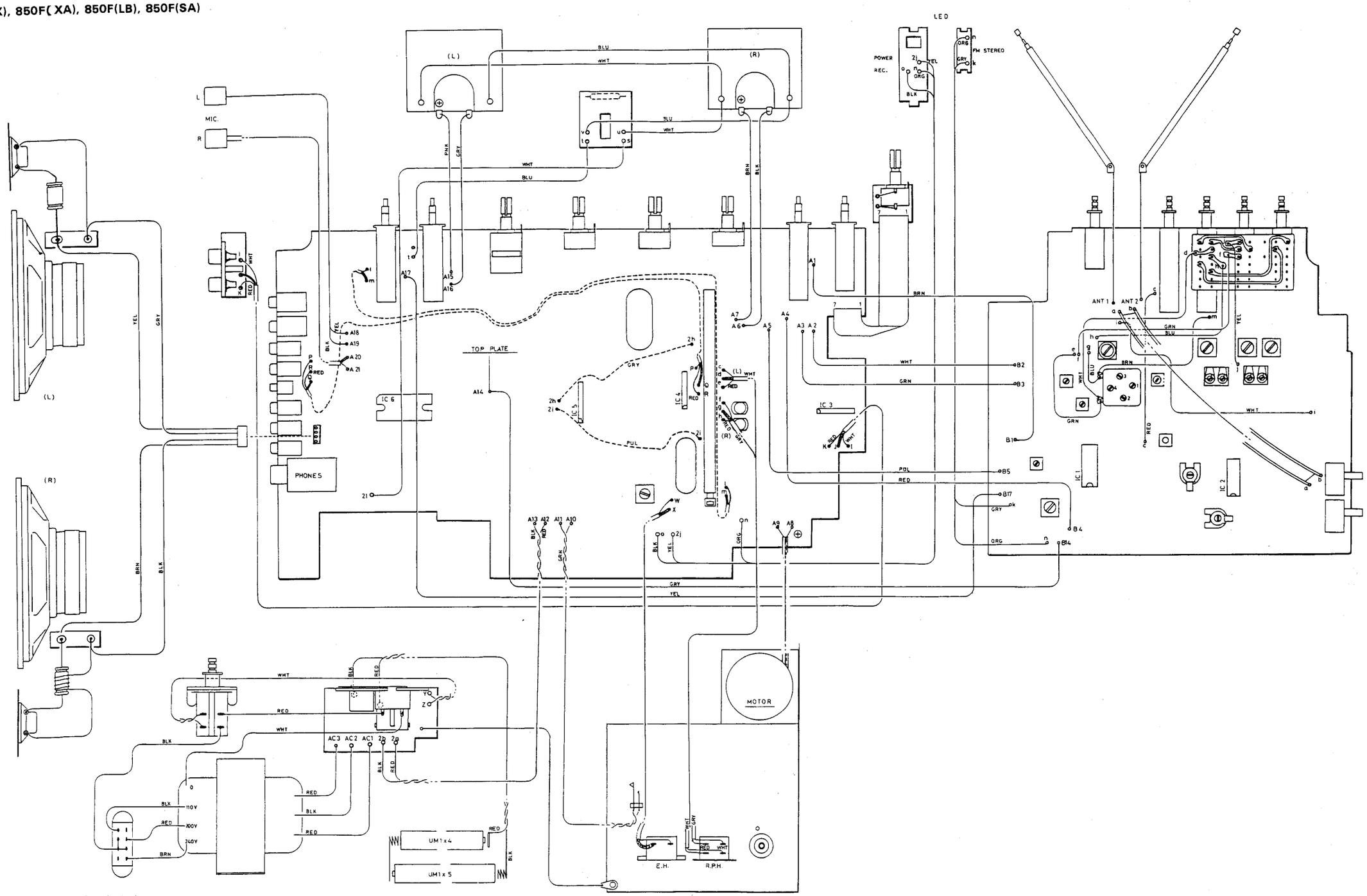
Mechanism 850L(E), 850L(GE)



NOTE: The parts which are not labelled "◎" are common with the model 850F (X).

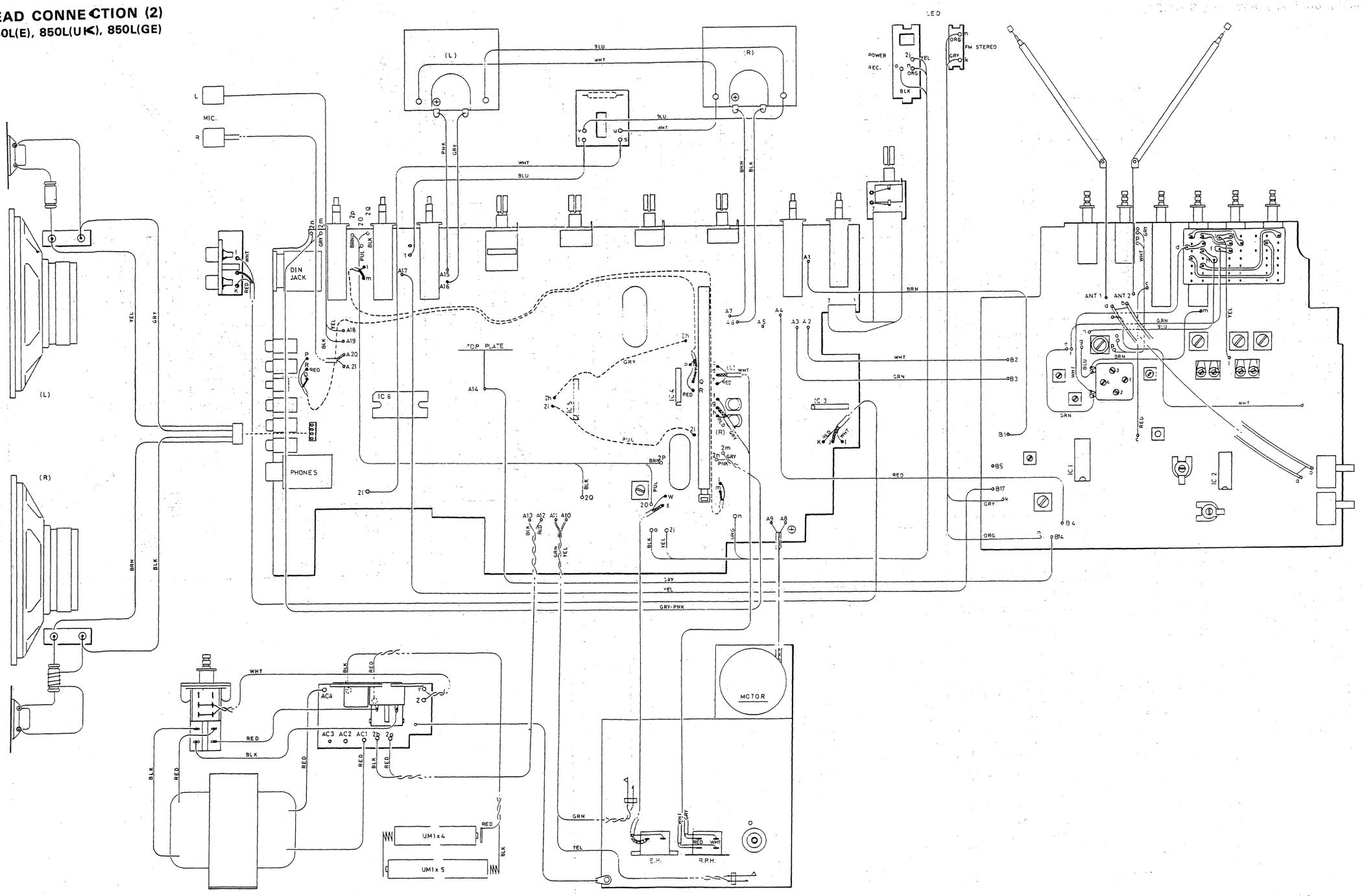
LEAD CONNECTION (1)

850F(X), 850F(XA), 850F(LB), 850F(SA)



Power Supply Ass'y
850F(SA),common with the model 850L(E)

LEAD CONNECTION (2)
850L(E), 850L(UK), 850L(GE)



REPLACEMENT PARTS LIST (1)

CSC-850F (X)

MAIN COMPONENT PARTS

Parts with "X" in the remarks can not be supplied.

Ref. No.	Stock No.	Description	Q'ty	Remarks
1	9253181	AC Cord Ass'y	1	
2		Front Cabinet Ass'y	1	X
3		Rear Cabinet Ass'y	1	X
4		Mechanism Ass'y	1	X
5		Chassis Ass'y	1	X
6	9253272	Battery Lid Ass'y	1	
7		Carton Box Ass'y	1	X
8	1215052	Dial Knob R78149-011 (I)	1	
9	1225134	Volume knob-1 R78149-012 (I)	1	
10	1225135	Volume knob-2 R78149-013 (I)	4	
11	1265091	Power Button R78149-017 (I)	1	
12	1265092	Selector Button R78149-014 (I)	5	
13	1275026	Lever Knob R78149-016 (I)	4	
14	1485353	Dial Scale R78149-024 (I)	1	
15	2315168	Dial Pointer R78149-032 (I)	1	
16	2365472	Jack Plate R78149-007 (I)	1	
17	2675093	Switch Packing R78149-043	4	
18	3300014	Tapping Screw 4 × 100 S/NI	4	
19	3311183	Tapping Screw A3 × 12 S/Z	1	
20	3311184	Tapping Screw A3 × 16 S/Z	11	
21	3313110	Tapping Screw A4 × 20 S/NI	4	
22	3331109	Flat Head Tapping Screw A3 × 12 S/PK	1	
23	3825927	Knob Spring R78148-035	1	
24	4215831	Instruction Book R-695A	1	
25	4230010	Serial Label	1	
26	4345012	Shoulder Band R78149-044	1	
27	4491108	Polyethylene Bag 200 × 300 × 0.04 A-08	1	Instruction Book
28	4491210	Polyethylene Bag-B 800 × 550 × 0.07	1	Unit
29	7340316	Cassette Tape AM-N-316	1	C-30

1. AC CORD ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
1-1	4491102	Polyethylene Bag 75 × 250 × 0.04 A-02	1	
1-2	7660275	AC Cord AM-YS-275	1	Round Pin

2. FRONT CABINET ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
2-1	9253271	Cassette Holder Ass'y		
2-2	9253274	Dumper Ass'y	1	
2-3	1115371	Front Cabinet R78149-001 (I)	1	
2-4	1315133	Speaker Net R78149-031 (I)	2	
2-5	1385131	Meter Frame R78149-025 (I)	1	
2-6	1445139	Reel Plate R78148-014 (I)	1	
2-7	1445183	Brand Plate R78149-055 (I)		
2-8	1445144	Mic Plate R78149-029 (I)	2	
2-9	1445145	LED Plate R78149-030 (I)	1	
2-10	1715528	Dial Scale Cover R78149-006	1	
2-11	2185232	Cord Cramp R7707-140	1	
2-12	2295520	Cassette Holder Bracket R78149-039	1	
2-13	2465088	Speaker Ring R78149-008 (I)	2	
2-14	2465089	Tweeter Ring R78149-009 (I)	2	
2-15	3311185	Tapping Screw A3 × 20 S/Z	2	
2-16	3618004	Washer Head Tapping Screw A3 × 10 S/Z	4	
2-17	3618025	Washer Head Tapping Screw A4 × 12 S/Z	8	
2-18	3321106	Flat Head Tapping Screw A3 × 12 S/Z	1	
2-19	7140173	Non Pole Electrolytic 2μF 50V T	2	C150,250
2-20	7420211	Speaker AM-P-211	2	SP2,4 (Tweeter)
2-21	7420261	Speaker AM-P-261 20cm	2	SP1,2 (Woofer)
2-22	2675020	Packing N6DF 10 × 20 BK	4	

Ref. No.	Stock No.	Description	Q'ty	Remarks
2-23	2675095	Packing R78145-020 10 × 100 DF	2	
2-24	2675121	Packing R78149-053 5 × 100 DF	1	
2-25	2675119	Packing R78149-050	5	
2-26	7740359	4P Connector AM-ZE-359	1	
2-27	1445143	Indicate Plate R78149-028 (I)	1	

2-1. CASSETTE HOLDER ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
2-1-1	1445140	Holder Plate R78149-026 (I)	1	
2-1-2	2165217	Cassette Holder R78149-005 (I)	1	

2-2. DUMPER ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
2-2-1	2165216	Dumper Holder R78149-019	1	
2-2-2	2325180	Dumper Operation Plate-1 R78149-018	1	
2-2-3	2325181	Dumper Operation Plate-2 R78149-020	1	
2-2-4	3311200	Washer Head Tapping Screw A3 × 10 S/Z	1	
2-2-5	3825910	Holder Spring-1 R78149-021	1	
2-2-6	3825911	Holder Spring-2 R78149-022	1	

3. REAR CABINET ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
3-1		Power Supply Ass'y	1	X
3-2	9253275	Top Plate Ass'y	1	
3-3	1285103	Handle R78149-033A (I)	2	●
3-4	1615320	Rear Cabinet R78149-002 (I)	1	
3-5	2175035	Antenna Terminal R78154-025	2	
3-6	2365500	Handle Retainer R78149-051	2	●
3-7	2365348	⊕ Battery Terminal R75163-026	1	
3-8	3132207	Flat Head Screw 3 × 12 S/PK	2	
3-9	3618026	Washer Head Tapping Screw A4 × 16 S/Z	2	
3-10	3618045	Washer Head Tapping Screw 4 × 12 S/Z	2	
3-11	3635186	Handle Washer R78149-048B (I)	4	
3-12				
3-13	3815074	Battery Spring R75121-061	1	
3-14	3815091	Battery Spring R7877-055A	1	
3-15	7220144	Rod Antenna AM-K-144	2	
3-16	7740221	Lead Connector AM-ZE-221	2	

3-1. POWER SUPPLY ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
3-1-1	2176007	Earth Lug 3 mm	1	
3-1-2	2255089	Power Switch Bracket R78149-038	1	
3-1-3	2665965	Cushion R7708-046	1	
3-1-4	3211306	Screw W/Washer 3 × 6 S/Z	2	
3-1-5	7121527	Power Supply Board AM-B-1527	1	
3-1-6	7460664	Slide Switch AM-S-664	1	S14
3-1-7	7460801	Push Switch AM-S-801	1	S15 (Power)
3-1-8	7530794	Power Transformer AM-TS-794	1	T1 (110/200/240V)
3-1-9	7710238	AC, DC Input Jack AM-Z-238	1	J11
3-1-10	8120205	Diode 10E1	2	D301, 302
3-1-11	8700519	Ceramic 0.022μF 50V Z	2	C328, 329

3-2. TOP PLATE ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
3-2-1	1445141	Top Plate R78149-023	1	
3-2-2	3790044	Grommet 2 × 2 BS/NI	1	

4. MECHANISM ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
4-1	2835831	Mechanism Unit R78149-30000	1	X
4-2	3615065	Pan Head DT Screw 2.6 × 5 S/Z	1	

4-1. MECHANISM UNIT

NTP-48-107

Ref. No.	Stock No.	Description	Q'ty	Remarks
1	7190192	Erase Head AM-H-192	1	E,H
2		Spring PBE 13977	1	
3	7190209	Rec/Play Head AM-H-209	1	R, P, H
4	0002321	Head Spring PBE 13666	1	
5	0002311	Pinch Roller Spring PBE 13641	1	
6	0002320	Sensing Plate PBD 1427	1	
7	0002304	Head Plate PBB 1056	1	
8		Pinch Roller Unit PBE 01152	1	
9	0002312	Inter Lock Plate PBC 1077	1	
10	0002306	Supply Reel Ass'y PBE 01054	1	
11	0002309	Supply Reel Brake Spring PBE 13640	1	
12	0002337	Oil Cut Washer PBE 13891	1	
13	0002302	Idler Gear PBE 13629	1	
14	0002307	Take Up Reel Ass'y PBE 01084	1	
15		Counter Bracket PBE 14205	1	
16	7310121	Counter AM-M-121	1	
17		Counter Belt PBE 5001	1	
18		Motor EG510ED-2F	1	MO
19		Motor Pulley PBE 13657	1	
20		Motor Belt PBE 13687	1	
21	0002313	Cassette Hold Spring PBE 13722	1	
22		Button Shaft PBE 14247	1	
23	1255231	Push Button-1 R78149-010 (I)	4	
24	1255232	Push Button-2 R78149-015 (I)	1	Rec
25	1255233	Push Button-3 R78149-015 (RO)	1	Play
26		Cue Lever PBE 13866	1	
27		Review Lever PBE 13865	1	
28	0002293	Switch Plate PBE 13693	1	
29		Rec Lever PBD 1456	1	
30		Rec Spring Plate Bracket PBE 14206	1	
31		Rec Spring Plate PBE 14229	1	
32		Chassis Ass'y PBD 0605	1	
33	0002278	Lever Return Spring PBE 13651	2	
34		Rew Lever PBD 1510	1	
35		Play Lever PBD 1496	1	
36		FF Lever PBD 1455	1	
37		FF Collar PBE 13646	1	
38		Pause Assist Plate PBD 1503	1	
39		Lever Holder PBD 1530	1	
40	0002331	Stop Lever Spring PBE 13649	1	
41	0002332	Flywheel Spring PBE 13864	1	
42	0002333	Polyethylene Washer PBE 13880	1	
43	0002297	Flywheel PBD 1413	1	
44		Flywheel Holder Ass'y PBE 01133	1	
45		SE Lever PBD 1452	1	
46	0002279	Spring PBE 13650	1	
47		Pause Lever PBD 1453	1	
48		Pause Collar PBE 13648	1	
49		Lock Plate PBD 1442	1	
50	0002283	Lock Plate Spring PBE 13647	1	
51		Leaf Switch MSW-1105	1	S16

Ref. No.	Stock No.	Description	Q'ty	Remarks
52	0002294	Clutch Arm Ass'y PBD 0535	1	
53		Spring PBE 13701	1	
54	0002295	Twist Spring PBE 13643	1	
55	0002339	Motor Rubber PBE 13360	3	
56	0002271	Motor Collar PBE 13394	3	
57	0002288	Idler Arm Ass'y PBE 01055	1	
58		Ratch Lever PBD 1520	1	
59	0002289	Spring PBE 13662	1	
60	0002286	Stop Lever PBD 1435	1	
61		Operation Plate Ass'y PBD 0525	1	
62	0002287	Spring PBE 13863	1	
63		Motor Bracket PBE 14204	1	
64		Review Sub Plate PBE 13867	1	
101		Bind Head Tapping Screw M2 × 8	3	
102		⊕⊖ Screw M2 × 12	1	
103		Grommet 2.4 × 6 × 0.2	1	
104	0002318	CS Ring CS-5	3	
105	0002305	Washer 5.2 × 10 × 0.5	3	
106	0002317	CS Ring CS-4	2	
107	0002308	Mylar Washer 1.6 × 4 × 0.2	2	
108	0002315	CS Ring CS-2	3	
109	0002303	Mylar Washer 2.2 × 5 × 0.2	1	
110		Tapping Screw M3 × 5	4	
111		Flat Head Screw M3 × 5	2	
112	3721006	"E" Ring E-4	2	
113	0002316	CS Ring CS-3	4	
114		Screw W/Washer M2.6 × 4	2	
115	0002324	Pan Head Screw M2.6 × 3	2	
116	0002319	Washer Head Tapping Screw M2.6 × 6	1	
117		Washer Head Tapping Screw M3 × 6	2	
118		Washer Head Tapping Screw M2.6 × 6	3	
119		Tapping Screw M2.6 × 5	1	

5. CHASSIS ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
5-1		Main Chassis Ass'y	1	
5-2		Tuner Board Ass'y	1	
5-3		Amp Board Ass'y	1	
5-4		Dial Cord Ass'y	1	X
5-5	2335287	Shield Plate R78149-042	1	
5-6	2485124	Dial Pulley R78155-010	1	
5-7	2675074	Mic Cushion R7877-053	2	
5-8	2675092	Meter Cushion R78149-041	2	
5-9	2675122	Packing-4 R78149-054	1	
5-10	3615069	Pan Head DT Screw 3 × 8 S/Z	6	
5-11	3615083	Washer Head DT Screw 3 × 10 S/Z	2	
5-12	3618032	Washer Head Screw 2.6 × 8 S/Z	1	
5-13	7310184	Meter AM-M-184	1	M1 (Lch)
5-14	7310185	Meter AM-M-185	1	M2 (Rch)
5-15	7320136	Condenser Microphone AM-MC-136	1	ECM (Rch) 150mm
5-16	7320137	Condenser Microphone AM-MC-137	1	ECM (Lch) 600mm
5-17	2675120	Cushion R78149-052 20 × 20 × 16 DF	1	

5-1. MAIN CHASSIS ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
5-1-1	2115172	Main Chassis R78149-003	1	
5-1-2	2415130	Dial Shaft K-DS-7902	1	
5-1-3	2444007	Pulley P262-204A	6	
5-1-4	2444012	Pulley R7708-051	1	
5-1-5	3630087	Washer PSW2.8 × 7 × 0.5	7	
5-1-6	3630016	Washer PSW 6.2 × 9.5 × 0.25	1	
5-1-7	3635182	Washer R7818-039	1	

5-2. TUNER BOARD ASS'Y

Ref. No.	Stock No.	Description					Q'ty	Remarks
5-2-1	2145017	Antenna Holder R7538-013					2	
5-2-2	3200002	Screw w/Washer A2.6×5 S/Z					2	
5-2-3	7121525	Tuner Board AM-B-1525-1					1	
	7200087	Integrated Circuit BA1320					1	IC2
	8110064	Integrated Circuit HA11211					1	IC1
	7230602	Balun AM-LA-602					1	L1
	7230545	SW2 Antenna Coil AM-LA-545					1	L14
	7230594	Bar Antenna Coil AM-LA-594					1	L15, 16
	7250500	FM IFT AM-LI-500					1	IFT1
	7250511	AM IFT AM-LI-511					1	IFT5
	7250528	AM-IFT AM-LI-528					2	IFT3, 4
	7250639	FM IFT AM-LI-639					1	IFT2
	7270147	FM OSC Coil AM-LO-147					1	L6
	7270435	MW OSC Coil AM-LO-435					1	L13
	7270467	SW1 OSC Coil AM-LO-467					1	L12
	7270468	SW2 OSC Coil AM-LO-468					1	L11
	7290026	Choke Coil AM-LS-26					2	L2, 5
	7290274	Choke Coil AM-LS-274					2	L9, 10
	7290293	Choke Coil AM-LS-293					1	L7
	7290509	Phase Coil AM-LS-509					1	L8
	7290523	FM Tuning Coil AM-LS-523					1	L4
	7460684	Slide Switch AM-S-684					2	S1, 2
	7460802	Block Push Switch AM-S-802					1	S3～8
	7560269	Trimmer Condenser AM-VC-269					2	TC5, 6, 7, 8
	7560274	Variable Condenser AM-VC-274					1	VC
	7610080	FM Band Pass Filter AM-W-80					1	B.P.F.
	7640089	Ceramic Filter AM-X-89					1	CF1
5-2-4	7710042	Shield Case AM-Z-42					1	
5-2-5	7710176	Mini Octal Pin AM-Z-176					2	
5-2-6	7710202	Jumper Lead AM-Z-202					35	JP
5-2-7	7710268	Jumper Lead AM-Z-268					2	JP
5-2-8	7710276	Antenna Board AM-Z-276					1	
5-2-9	7740206	Wire Tip AM-ZE-206					7	
	8113059	Transistor 2SC460BM					2	Q4, 5
	8113066	Transistor 2SC535BM					2	Q1, 2
	8113175	Transistor 2SC1342BM					1	Q3
	8120264	Light Emitting Diode SLD-30UR					1	D5
	8120267	Varicap Diode ITT-410AB					1	D2
	8120295	Zener Diode MZL-306C					1	D13
	8121002	Diode IN34A					2	D8, 9
	8130036	Varistor WG-713					7	D1, 3, 4, 6, 10, 11, 12
	8917103	Semi-fixed Resistor 10kΩ-B					1	VR1
	8917202	Semi-fixed Resistor 2kΩ-B					1	VR2
		— CAPACITORS —						
	5511030	Ceramic	3pF	50V	C	SL	1	C73
	5511050	Ceramic	5pF	50V	C	SL	1	C80
	5512070	Ceramic	7pF	50V	D	SL	3	C69, 70, 76
	5514120	Ceramic	12pF	50V	J	SL	1	C71
	5514471	Ceramic	470pF	50V	J	SL	1	C32
	5527103	Ceramic	0.01μF	50V	Z	F	1	C85
	5527223	Ceramic	0.022μF	50V	Z	F	13	C17, 18, 19, 36, 37, 46, 61, 68, 72, 77, 78, 79, 81
	5527473	Ceramic	0.047μF	50V	Z	F	7	C22, 23, 24, 25, 27, 29, 38
	5712101	Electrolytic	100μF	10V		M	1	C47
	5712470	Electrolytic	47μF	10V		M	1	C30
	5713010	Electrolytic	1μF	16V		M	4	C34, 39, 44, 48
	5713100	Electrolytic	10μF	16V		M	1	C21
	5713339	Electrolytic	3.3μF	16V		M	4	C26, 31, 35, 87
	5713478	Electrolytic	0.47μF	16V		M	4	C28, 43, 45, 84
	5814102	Mylar	0.001μF	50V	M		3	C53, 54, 62
	5814103	Mylar	0.01μF	50V	M		3	C64, 82, 83
	5814153	Mylar	0.015μF	50V	M		2	C51, 52
	5814222	Mylar	0.0022μF	50V	M		3	C55, 56, 63
	5814473	Mylar	0.047μF	50V	M		1	C42
	5814682	Mylar	0.0068μF	50V	M		2	C57, 58
	8441222	Electrolytic	220μF	16V		M	1	C86
	8663018	Styrol	300pF	50V	J		1	C67

Ref. No.	Stock No.	Description				Q'ty	Remarks
	8663028	Styrol	470pF	50V	J	1	C41
	8663043	Styrol	1500pF	50V	J	1	C66
	8663069	Styrol	5600pF	50V	J	1	C65
	8700213	Ceramic	4pF	50V	C	1	C6
	8700301	Ceramic	1pF	50V	C	1	C9
	8700321	Ceramic	2pF	50V	C	1	C12
	8700423	Ceramic	15pF	50V	J RH	1	C11
	8700551	Ceramic	4700pF	50V	k	5	C3, 4, 8, 10,16
	8793121	Ceramic	12pF	50V	J	1	C15
	8793151	Ceramic	15pF	50V	J	2	C5, 13
	8793301	Ceramic	30pF	50V	J	1	C14
	8793332	Ceramic	330pF	50V	J	1	C7
	8920001	Aluminum	0.1μF	50V	M	2	C49, 50
		— RESISTORS —					
	5932101	Carbon	10Ω	1/8W	J CF	7	R4, 10, 11, 21, 43, 73, 74
	5932102	Carbon	1kΩ	1/8W	J CF	5	R9, 15, 63, 76, 81
	5932103	Carbon	10kΩ	1/8W	J CF	3	R33, 51, 52
	5932104	Carbon	100kΩ	1/8W	J CF	1	R82
	5932121	Carbon	120Ω	1/8W	J CF	1	R16
	5932122	Carbon	1.2kΩ	1/8W	J CF	1	R45
	5932123	Carbon	12kΩ	1/8W	J CF	2	R35, 37
	5932153	Carbon	15kΩ	1/8W	J CF	4	R17, 18, 19, 29
	5932181	Carbon	180Ω	1/8W	J CF	1	R64
	5932221	Carbon	220Ω	1/8W	J CF	1	R65
	5932222	Carbon	2.2kΩ	1/8W	J CF	4	R24, 70, 79, 80
	5932223	Carbon	22kΩ	1/8W	J CF	3	R2, 7, 71
	5932331	Carbon	330Ω	1/8W	J CF	3	R31, 67, 83
	5932332	Carbon	3.3kΩ	1/8W	J CF	5	R12, 44, 48, 49, 77
	5932333	Carbon	33kΩ	1/8W	J CF	4	R26, 62, 69, 75
	5932392	Carbon	3.9kΩ	1/8W	J CF	1	R14
	5932393	Carbon	39kΩ	1/8W	J CF	1	R36
	5932471	Carbon	470Ω	1/8W	J CF	1	R66
	5932472	Carbon	4.7kΩ	1/8W	J CF	1	R8
	5932473	Carbon	47kΩ	1/8W	J CF	4	R25,34, 42, 50
	5932474	Carbon	470kΩ	1/8W	J CF	1	R20
	5932560	Carbon	56Ω	1/8W	J CF	1	R22
	5932561	Carbon	560Ω	1/8W	J CF	1	R3
	5932562	Carbon	5.6kΩ	1/8W	J CF	4	R46, 32, 47, 72
	5932682	Carbon	6.8kΩ	1/8W	J CF	4	R1, 13, 61, 68
	5932683	Carbon	68kΩ	1/8W	J CF	1	R23

5-3. AMP BOARD ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
5-3-1	2245053	Volume Bracket R78149-036	1	
5-3-2	2335277	Heat Sink-1 R78155-027	1	
5-3-3	2335278	Heat Sink-2 R78155-028	1	
5-3-4	2345609	Earth Plate R78149-037	1	
5-3-5	3321107	Flat Head Screw BM3 × 15 S/Z	2	
5-3-6	3615077	Pan Head DT Screw 3 × 8 S/Z	2	
5-3-7	7121526	Amp Board AM-B-1526	1	
	7200111	Integrated Circuit TA7312P	1	IC5
	7200118	Integrated Circuit LA3160	2	IC3, 4
	7200120	Integrated Circuit AN7145KH	1	IC6
	7210123	US Jack AM-J-123	5	J3, 4, 7, 9, 10
	7210127	Miniature US Jack AM-J-127	1	J12
	7210128	US Jack with Switch AM-J-128	2	J5, 6
	7210130	Headphone Jack AM-J-130	1	J8
	7210141	2P Pin Jack AM-J-141	1	J1, 2
	7270447	Bias OSC Coil AM-LO-447	1	L103
	7290522	Choke Coil AM-LS-522	2	L101, 201
	7440364	Lamp EQL-Z-064	1	LA1
	7460686	Lever Switch AM-S-686	2	S11, 13 (Mode, Function)
	7460798	Slide Switch AM-S-798	1	S9 (Rec/Play)
	7460799	Lever Switch AM-S-799	1	S10 (Loudness)
	7460800	Lever Switch AM-S-800	1	S12 (Mode-2)
	7580902	Variable Resistor AM-VR-902 50kΩ	1	VR102 (Balance)
	7580926	Variable Resistor AM-VR-926 50kΩ × 2	1	VR101 (Volume)

Ref. No.	Stock No.	Description				Q'ty	Remarks
	7580927	Variable Resistor AM-VR-927 100kΩ × 2				1	VR103 (Bass)
	7580928	Variable Resistor AM-VR-928 200kΩ × 2				1	VR104 (Treble)
	7580929	Variable Resistor AM-VR-929 50kΩ × 2				1	VR105, S17 (Mic Mix)
	7710202	Jumper Lead AM-Z-202				65	
	7710282	Flat Cable AM-Z-282				1	
	7740206	Wire Tip AM-ZE-206				21	
	7740358	4P Pulg AM-ZE-358				1	
	8113323	Transistor 2SC1312G				6	Q103, 203, 104, 204, 301, 302
	8113328	Transistor 2SC711G				4	Q102, 202, 105, 205
	8113335	Transistor 2SC710D				2	Q101, 201
	8114057	Transistor 2SD355E				2	Q304, 305
	8114094	Transistor 2SD712E				1	Q303
	8120109	Zener Diode WZ-100				1	D206
	8120205	Diode 10E1				2	D101, 201
	8120264	Light Emitting Diode SLD-30UR				2	D305, 306
	8120285	Zener Diode MZ-314C				1	D307
	8121002	Diode IN34A				4	D103, 203, 104, 204
	8130036	Varistor WG-713				4	D102, 202, 105, 205
		— CAPACITORS —					
	5514121	Ceramic	120pF	50V	J	SL	2	C126,226
	5514271	Ceramic	270pF	50V	J	SL	1	C320
	5514360	Ceramic	36pF	50V	J	SL	2	C142, 242
	5514470	Ceramic	47pF	50V	J	SL	2	C149, 249
	5514471	Ceramic	470pF	50V	J	SL	8	C102, 202, 110, 210, 129, 229, 141, 241
	5545681	Ceramic	680pF	50V	K	B	2	C119, 219
	8700519	Ceramic	0.022μF	50V	Z		1	C331
	5712101	Electrolytic	100μF	10V		M	8	C120, 124, 224, 143, 243, 303, 311, 326
	5712470	Electrolytic	47μF	10V		M	5	C103, 203, 111, 211, 312
	5713010	Electrolytic	1μF	16V		M	13	C118, 218, 122, 222, 128, 228, 130, 230, 304, 305, 307, 308, 310
	5713100	Electrolytic	10μF	16V		M	25	C101, 201, 106, 206, 109, 209, 112, 212, 115, 215, 121, 221, 123, 223, 135, 235, 137, 237, 139, 239, 147, 247, 148, 248, 330
	5713330	Electrolytic	33μF	16V		M	4	C140, 240, 301, 314
	5713339	Electrolytic	3.3μF	16V		M	2	C146, 246
	5813102	Mylar	0.001μF	50V	K		1	C321
	5813103	Mylar	0.01μF	50V	K		4	C104, 204, 113, 213
	5813104	Mylar	0.1μF	50V	K		2	C133, 233
	5813153	Mylar	0.015μF	50V	K		2	C105, 205
	5813182	Mylar	0.0018μF	50V	K		2	C125, 225
	5813223	Mylar	0.022μF	50V	K		2	C132, 232
	5813393	Mylar	0.039μF	50V	K		4	C136, 236, 138, 238
	5813472	Mylar	0.0047μF	50V	K		2	C134, 234
	5813473	Mylar	0.047μF	50V	K		2	C127, 227
	5814103	Mylar	0.01μF	50V	M		2	C108, 208
	5814152	Mylar	0.0015μF	50V	M		2	C114, 214
	5814222	Mylar	0.0022μF	50V	M		1	C306
	5814223	Mylar	0.022μF	50V	M		1	C323
	5814332	Mylar	0.0033μF	50V	M		3	C117, 217, 324
	5814333	Mylar	0.033μF	50V	M		2	C107, 207
	5814682	Mylar	0.0068μF	50V	M		1	C325
	7140185	Electrolytic	3300μF	25V	M		1	C316
	8431103	Electrolytic	1000μF	10V		M	2	C145, 245
	8431222	Electrolytic	220μF	10V		M	4	C302, 309, 318, 319
	8431332	Electrolytic	330μF	10V		M	1	C313
	8441102	Electrolytic	100μF	16V		M	1	C327
	8441332	Electrolytic	330μF	16V		M	1	C315
	8663033	Styrol	680pF	50V	J		2	C131, 231
	8683022	Styrol	3300pF	125V	J		1	C322
	8864221	Mylar	0.22μF	50V	K		2	C144, 244
		— RESISTORS —						
	5932102	Carbon	1kΩ	1/8W	J	CF	5	R109, 209, 124, 224, 328

Ref. No.	Stock No.	Description					Q'ty	Remarks
	5932103	Carbon	10kΩ	1/8W	J	CF	7	R104, 204, 120, 220, 127, 227, 302
	5932104	Carbon	100kΩ	1/8W	J	CF	12	R105, 205, 107, 207, 117, 317 217, 119, 219, 305, 313, 325
	5932105	Carbon	1MΩ	1/8W	J	CF	5	R111, 211, 131, 231, 301
	5932121	Carbon	120Ω	1/8W	J	CF	1	R314
	5932122	Carbon	1.2kΩ	1/8W	J	CF	2	R103, 203
	5932123	Carbon	12kΩ	1/8W	J	CF	2	R114, 214
	5932151	Carbon	150Ω	1/8W	J	CF	4	R112, 212, 132, 232
	5932152	Carbon	1.5kΩ	1/8W	J	CF	5	R116, 216, 139, 239, 327
	5932153	Carbon	15kΩ	1/8W	J	CF	4	R134, 234, 143, 243
	5932182	Carbon	1.8kΩ	1/8W	J	CF	3	R152, 252, 329
	5932222	Carbon	2.2kΩ	1/8W	J	CF	11	R102, 202, 151, 251, 304, 137, 237, 158, 258, 118, 218
	5932223	Carbon	22kΩ	1/8W	J	CF	5	R129, 229, 133, 233, 320
	5932224	Carbon	220kΩ	1/8W	J	CF	4	R140, 240, 145, 245
	5932272	Carbon	2.7kΩ	1/8W	J	CF	6	R126, 226, 150, 250, 157, 257
	5932273	Carbon	27kΩ	1/8W	J	CF	2	R125, 225
	5932331	Carbon	330Ω	1/8W	J	CF	4	R307, 310, 312, 315
	5932332	Carbon	3.3kΩ	1/8W	J	CF	8	R106, 206, 108, 208, 110, 210, 308, 316
	5932333	Carbon	33kΩ	1/8W	J	CF	2	R156, 256
	5932334	Carbon	330kΩ	1/8W	J	CF	3	R113, 213, 306
	5932392	Carbon	3.9kΩ	1/8W	J	CF	7	R136, 236, 141, 241, 142, 242, 309
	5932393	Carbon	39kΩ	1/8W	J	CF	2	R135, 235
	5932471	Carbon	470Ω	1/8W	J	CF	4	R121, 221, 148, 248
	5932472	Carbon	4.7kΩ	1/8W	J	CF	4	R115, 215, 130, 230
	5932473	Carbon	47kΩ	1/8W	J	CF	4	R101, 201, 146, 246
	5932479	Carbon	4.7Ω	1/8W	J	CF	1	R321
	5932560	Carbon	56Ω	1/8W	J	CF	2	R149, 249
	5932561	Carbon	560Ω	1/8W	J	CF	3	R311, 319, 330
	5932563	Carbon	56kΩ	1/8W	J	CF	2	R154, 254
	5932680	Carbon	68Ω	1/8W	J	CF	1	R303
	5932681	Carbon	680Ω	1/8W	J	CF	2	R123, 223
	5932682	Carbon	6.8kΩ	1/8W	J	CF	2	R155, 255
	5932683	Carbon	68kΩ	1/8W	J	CF	4	R122, 222, 138, 238
	5932820	Carbon	82Ω	1/8W	J	CF	3	R147, 247, 323
	5932822	Carbon	8.2kΩ	1/8W	J	CF	4	R128, 228, 144, 244
	8233101	Solid	10Ω	1/2W	J	RC	1	R324
	8234222	Solid	220Ω	1/2W	K	RC	2	R153, 253
	8323470	Carbon	4.7Ω	1/4W	J	RD	1	R318
	8323561	Carbon	56Ω	1/4W	J	RD	1	R322
	8910189	Metal Film	27Ω	1W	J		1	R326

5-4. DIAL COAD ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
5-4-1	3790002	Grommet 2 × 3 B/NI	1	
5-4-2	3815092	Spring R77124-045A	1	
5-4-3	5110160	Dial Cord 0.3ϕ × 1650mm	1	

6. BATTERY LID ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
6-1	1655125	Battery Lid R78149-004 (I)	1	
6-2	2645063	Battery Lid Cushion R78149-040	1	

7. CARTON BOX ASS'Y

Ref. No.	Stock No.	Description	Q'ty	Remarks
7-1	4416291	Carton Box ZPK-A6291	1	
7-2	4426140	Cushion-1 ZPK-B6140	1	
7-3	4426141	Cushion-2 ZPK-B6141	1	

REPLACEMENT PARTS LIST (2)

CSC-850F (XA)

NOTE: The parts not listed should be referred to the parts list for the standard model CSC-850F (X).

Ref. No.	Stock No.	Description	Q'ty	Remarks
		— MAIN COMPONENT PARTS —		
1	9253881	AC Cord Ass'y	1	
1-2	7660285	AC Cord AM-YS-285	1	Flat Pin

REPLACEMENT PARTS LIST (3)

CSC-850F (LB)

NOTE: The part not listed should be referred to the parts list for the standard model CSC-850F (X).

Ref. No.	Stock No.	Description	Q'ty	Remarks
		— FRONT CABINET ASS'Y —		
2-7	1445142	Brand Plate R78203-001 (I)	1	

REPLACEMENT PARTS LIST (4)

CSC-850F (SA)

NOTE: The parts not listed should be referred to the parts list for the standard model CSC-850F (X).

Ref. No.	Stock No.	Description	Q'ty	Remarks
		— MAIN COMPONENT PARTS —		
1		AC Cord Ass'y		
2		Front Cabinet Ass'y		
3		Rear Cabinet Ass'y		
5		Chassis Ass'y		
7		Carton Box Ass'y		
24	4215863	Instruction Book R-735A	1	
		— AC CORD ASS'Y —		
1-2	7660195	AC Cord AM-YS-195	1	
1-3	4341004	Free Up Belt C-Type	1	
		— FRONT CABINET ASS'Y —		
2-7	1445182	Brand Plate R79064-002 (I)	1	
		— REAR CABINET ASS'Y —		
3-1		Power Supply Ass'y		
3-1-5	7121546	Power Supply Board AM-B-1546	1	
3-1-7	7460826	Push Switch AM-S-826	1	S15 (Power)
3-1-8	7530804	Power Transformer AM-TS-804	1	T1 (235V)
3-1-10	8120205	Diode 10E1	4	D301～304
3-1-11	8700519	Ceramic 0.022μF 50V Z	4	C328, 329, 332, 333
3-1-12	7150087	Fuse Holder AM-D-87	2	
3-1-13	7150145	Fuse 1.4A AM-D-145	1	F1
3-2		Top Plate Ass'y		
3-2-1	1445181	Top Plate R79064-001 (I)	1	
3-4	1615339	Rear Cabinet R79056-001 (I)	1	
3-11	3635186	Handle Washer 2 R78149-048B	4	
3-17	1415815	Name Plate R79064-003 (I)	1	
		— CHASSIS ASS'Y —		
5-2		Tuner Board Ass'y		
	7270210	FM OSC Coil AM-LO-210	1	L6
5-3		Amp Board Ass'y		
5-3-7	7121546	Amp Board AM-B-1546	1	
	8120303	Zener Diode MZL-314C		D307
		— CAPACITORS —		
	5713108	Electrolytic 0.1μF 16V M		C49, 50

Ref. No.	Stock No.	Description					Q'ty	Remarks
	5813122	Mylar	0.0012μF	50V	K			C125, 225
	5814153	Mylar	0.015μF	50V	K			C57, 58
	8793201	Ceramic	20pF	50V	J			C15
		— RESISTORS —						
	5932101	Carbon	100Ω	1/8W	J	CF		R16
	5932103	Carbon	10kΩ	1/8W	J	CF		R1, 520
	5932221	Carbon	220Ω	1/8W	J	CF		R30
	5932222	Carbon	2.2kΩ	1/8W	J	CF		R48, 49
	5932332	Carbon	3.3kΩ	1/8W	J	CF		R152, 252
	5932333	Carbon	33kΩ	1/8W	J	CF		R42, 125, 225
	5932473	Carbon	47kΩ	1/8W	J	CF		R154, 254
	5932560	Carbon	56Ω	1/8W	J	CF		R21
	5932562	Carbon	5.6kΩ	1/8W	J	CF		R12
	5932682	Carbon	6.8kΩ	1/8W	J	CF		R8
	5932820	Carbon	82Ω	1/8W	J	CF		R314
	5932821	Carbon	820Ω	1/8W	J	CF		R124, 224
	8300051	Carbon	10kΩ	1/4W	J	UR		R519
	7450151	Fuse Resistor	4.7Ω	1/4W	J			R318 (AM-RS-151)
	7450228	Fuse Resistor	10Ω	1/2W	J	SR		R324 (AM-RS-228)
		— CARTON BOX ASS'Y —						
7-1	4416291	Carton Box	ZPK-A-6291				1	

REPLACEMENT PARTS LIST (5) CSC-850L (E)

NOTE: The parts not listed should be referred to the parts list for the standard model CSC-850F (X)

Ref. No.	Stock No.	Description	Q'ty	Remarks
		— MAIN COMPONENT PARTS —		
1		AC Cord Ass'y	1	
2		Front Cabinet Ass'y	1	X
3		Rear Cabinet Ass'y	1	X
4		Mechanism Ass'y	1	X
5		Chassis Ass'y	1	X
7		Carton Box Ass'y	1	X
8	1215056	Dial Knob R79056-007 (I)	1	
9	1225146	Volume Knob-2 R79056-009 (I)	4	
10	1225147	Volume Knob-1 R79056-008 (I)	1	
12	1265092	Selector Button R78149-014 (I)	6	
13	1275026	Lever Knob R78149-016 (I)	5	
14	1485363	Dial Scale R79056-006 (I)	1	
16	2365499	Jack Plate R79056-002 (I)	1	
17	2675093	Switch Packing R78149-043	5	
24	4215856	Instruction Book R-729A	1	
30	2295546	Antenna Board Bracket R79056-004	1	
		— AC CORD ASS'Y —		
1-2	7660195	AC Cord AM-YS-195	1	
	4341004	Free Up Belt C Type	1	
		— FRONT CABINET ASS'Y —		
2-1		Cassette Holder Ass'y		
2-1-1	1445171	Holder Plate R79056-005 (I)	1	
		— REAR CABINET ASS'Y —		
3-1		Power Supply Ass'y		
3-1-5	7121546	Power Supply Board AM-B-1546	1	
3-1-7	7460826	Push Switch AM-S-826	1	S15 (Power)
3-1-8	7530800	Power Transformer AM-TS-800	1	T1 (220V)
3-1-10	8120205	Diode 10E1	4	D301~304

Ref. No.	Stock No.	Description	Q'ty	Remarks
3-1-11	8700519	Ceramic 0.022μF 50V Z	4	C328, 329, 332, 333
3-1-12	7150087	Fuse Holder AM-D-87	2	
3-1-13	7150145	Fuse 1.4A AM-D-145	1	F1
3-1-14	7710258	AC Jack Cover AM-Z-258	1	
		Top Plate Ass'y		
3-2-1	1445172	Top Plate R79056-003 (I)	1	
3-4	1615339	Rear Cabinet R79056-001 (I)	1	
		— MECHANISM ASS'Y —		
4-1	2835869	Mechanism Unit R79056-30000	1	NTP-408-06
7		Head Plate PBB 1060	1	
14		Take Up Reel Ass'y PBE 01129	1	
14A		Washer PBE 14265	1	
14B		Clutch PBE 13723	1	
14C		Spring PBE 13848	1	
32		Chassis Ass'y PBD 0619	1	
33		Lever Return Spring PBE 14056	1	
39		Lever Holder PBD 1553	1	
43		Flywheel PBD 1552	1	
44		Flywheel Holder Ass'y PBE 01254	1	
48		Pause Collar PBE 13849	1	
52		Clutch Arm Ass'y PBD 0615	1	
53		Spring PBE 14046	1	
54		Twist Spring PBE 14277	1	
65		Spring PBE 14024	1	
66		Release Lever PBD 1474	1	
67		Release Lever Spring PBE 14004	1	
68		Auto-stopper Ass'y PBD 0552	1	
69		Auto-stopper Belt PBE 14033	1	
70		Sensor PBD 1516	1	
71		Washer PBE 14117	1	
72		Pause Spring PBE 13968	1	
74		FF Lever Spring PBE 6001	1	
75		Play Lever Spring PBE 6002	1	
76		PS Washer PBE 01129	1	
120		Tapping Screw M2.6 × 10	2	
		— CHASSIS ASS'Y —		
5-2		Tuner Board Ass'y		
5-2-3	7121547	Tuner Board AM-B-1547	1	
	7230537	SW Antenna Coil AM-LA-537	1	L14
	7230603	Bar Antenna Coil AM-LA-603	1	L15, 16
	7270408	SW OSC Coil AM-LO-408	1	L11
	7270435	MW OSC Coil AM-LO-435	1	L12
	7270436	LW OSC Coil AM-LO-436	1	L13
	7460825	Block Push Switch AM-S-825	1	S3, 4, 5, 6, 7, 8, 19
	7560269	Trimmer Condenser AM-VC-269	1	TC7, 8
	7560270	Trimmer Condenser AM-VC-270	1	TC5, 6
5-2-6	7710202	Jumper Lead AM-Z-202	37	JP
5-2-7	7710268	Jumper Lead AM-Z-268	3	JP
5-2-8	7710294	Antenna Board AM-Z-294	1	
5-2-8A	7710295	Antenna Socket AM-Z-295	1	
	8113328	Transistor 2SC711G		Q6, 7
5-3		Amp Board Ass'y		
5-3-7	7121546	Amp Board AM-B-1546	1	
	7210104	5P DIN Jack AM-J-104	1	J13
	7460827	Lever Switch AM-S-827	1	S18 Tape Selector
	8113323	Transistor 2SC1312G		Q503, 504
	8113328	Transistor 2SC711G		Q501, 502
	8120303	Zener Diode MZL-314C	1	D307
		— CAPACITORS —		
	5511050	Ceramic 5pF 50V C SL		C73
	5512070	Ceramic 7pF 50V D SL		C71
	5514620	Ceramic 62pF 50V J SL		C75
	5514910	Ceramic 91pF 50V J SL		C69
	8700212	Ceramic 3pF 50V C		C12
	8793201	Ceramic 20pF 50V J		C2

Ref. No.	Stock No.	Description					Q'ty	Remarks
	5545681	Ceramic	680pF	50V	K	B		C114, 214
	8700519	Ceramic	0.022μF	50V	Z			C508
	5713010	Electrolytic	1μF	16V		M		C60
	5713108	Electrolytic	0.1μF	16V		M		C49
	5712101	Electrolytic	100μF	10V		M		C507
	5713010	Electrolytic	1μF	16V		M		C503, 504, 505, 506
	5814103	Mylar	0.01μF	50V	M			C57, 58, 63
	5814223	Mylar	0.022μF	M				C64,82, 83
	5813102	Mylar	0.001μF	50V	K			C509, 510
	5813122	Mylar	0.0012μF	50V	K			C125, 225
	5813223	Mylar	0.0022μF	K				C501, 502
	8663009	Styrol	150pF	50V	J			C67
	8663018	Styrol	300pF	50V	J			C66
		— RESISTORS —						
	5932101	Carbon	100Ω	1/8W	J	CF		R16
	5932103	Carbon	10kΩ	1/8W	J	CF		R1, 503, 504, 505, 511, 512, 515, 516, 520
	5932104	Carbon	100kΩ	1/8W	J	CF		R55
	5932123	Carbon	12kΩ	1/8W	J	CF		R71
	5932221	Carbon	220Ω	1/8W	J	CF		R30
	5932223	Carbon	22kΩ	1/8W	J	CF		R53, 54, 62
	5932331	Carbon	330Ω	1/8W	J	CF		R64
	5932471	Carbon	470Ω	1/8W	J	CF		R65
	5932562	Carbon	5.6kΩ	1/8W	J	CF		R46, 47
	5932682	Carbon	6.8kΩ	1/8W	J	CF		R8
	5932102	Carbon	1kΩ	1/8W	J	CF		R506
	5932121	Carbon	120Ω	1/8W	J	CF		R112, 212
	5932151	Carbon	150Ω	1/8W	J	CF		R323
	5932272	Carbon	2.7kΩ	1/8W	J	CF		R501, 502
	5932331	Carbon	330Ω	1/8W	J	CF		R517
	5932332	Carbon	3.3kΩ	1/8W	J	CF		R118, 218, 152, 252
	5932333	Carbon	33kΩ	1/8W	J	CF		R125, 225
	5932391	Carbon	390Ω	1/8W	J	CF		R513, 514
	5932473	Carbon	47kΩ	1/8W	J	CF		R154, 254
	5932562	Carbon	5.6kΩ	1/8W	J	CF		R507, 508
	5932684	Carbon	680kΩ	1/8W	J	CF		R509, 510
	5932820	Carbon	82Ω	1/8W	J	CF		R314
	5932821	Carbon	820Ω	1/8W	J	CF		R124, 224
	8323821	Carbon	82Ω	1/4W	J	RD		R322
	8300051	Carbon	10kΩ	1/4W	J	UR		R519
	7450151	Fuse Resistor	4.7Ω	1/4W	J			R318 (AM-RS-151)
	7450228	Fuse Resistor	10Ω	1/2W	J	SR		R324 (AM-RS-228)
		— CARTON BOX ASS'Y						
7-1	4416323	Carton Box ZPK-A6323					1	

REPLACEMENT PARTS LIST (6) CSC-850L (UK)

NOTE: The parts not listed should be referred to the parts list for the standard model CSC-850L (E).

Ref. No.	Stock No.	Description	Q'ty	Remarks
		— MAIN COMPONENT PARTS —		
1		AC Cord Ass'y		
3		Rear Cabinet Ass'y		
7		Carton Box Ass'y		
14	1483566	Dial Scale R79061-003 (I)	1	
27	4491408	Polyethylene Bag 200 × 300 × 0.04	1	D-08
28	4491425	Polyethylene Bag 800 × 550 × 0.07	1	D-25
		— AC CORD ASS'Y —		
1-2	7660197	AC Cord AM-YS-197	1	
		— REAR CABINET ASS'Y —		
3-1		Power Supply Ass'y		
3-1-8	7530801	Power Transformer AM-TS-801	1	T1 (240V)
3-2		Top Plate Ass'y		
3-2-1	1445176	Top Plate R79061-002 (I)	1	
3-11	3635186	Handle Washer 2 R78149-048B (I)	4	
3-17	1415812	Name Plate R79061-001 (I)	1	
		— CARTON BOX ASS'Y —		
7-1	4416331	Carton Box ZPK-A6331	1	

REPLACEMENT PARTS LIST (7) CSC-850L (GE)

NOTE: The part not listed should be referred to the parts list for the standard model CSC-850L (E).

Ref. No.	Stock No.	Description	Q'ty	Remarks
		— MAIN COMPONENT PARTS —		
3		Rear Cabinet Ass'y	1	
7		Carton Box Ass'y	1	
		— REAR CABINET ASS'Y —		
3-17	1415813	Name Plate R79048-001 (I)		
		— CARTON BOX ASS'Y —		
7-1	4416324	Carton Box ZPK-A-6324	1	